

EXHIBIT 2, PART 1



US00RE37885E

(19) **United States**
 (12) **Reissued Patent**
Acres et al.

(10) **Patent Number:** **US RE37,885 E**
 (45) **Date of Reissued Patent:** **Oct. 15, 2002**

(54) **METHOD AND APPARATUS FOR
 OPERATING NETWORKED GAMING
 DEVICES**

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 Alec Ginsburg, Las Vegas, NV (US);
 David Wiebenson, Corvallis, OR (US)**

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(73) Assignee: **Acres Gaming, Inc., Las Vegas, NV
 (US)**

(*) Notice: This patent is subject to a terminal disclaimer

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(21) Appl No: **09/573,470**

(22) Filed: **May 16, 2000**

Related U.S. Patent Documents

Reissue of:

(64) Patent No: **5,752,882**
 Issued: **May 19, 1998**
 Appl. No: **08/465,915**
 Filed: **Jun. 6, 1995**

U.S. Applications:

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(62) Division of application No 08/322,172, filed on Oct. 12, 1994, now Pat No. 5,655,961

(51) Int. Cl.⁷ **A63F 9/00**

(52) U.S. Cl. **463/42; 463/16; 463/25**

(58) Field of Search **463/42, 16, 25-28, 463/20**

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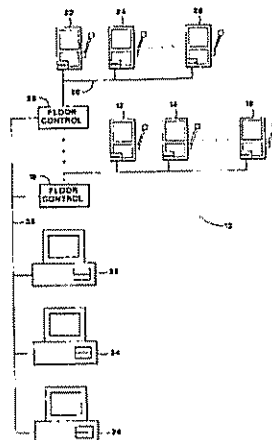
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(57) **ABSTRACT**

A system for monitoring and configuring gaming devices interconnected over a high-speed network is disclosed. The system can support a file server, one or more floor controllers, one or more pit terminals, and other terminals all interconnected over the network. Each gaming device includes an electronic module which allows the gaming device to communicate with a floor controller over a current loop network. The electronic module includes a player tracking module and a data communication node. The player tracking module includes a card reader for detecting a player tracking card inserted therein which identifies the player. The data communication node communicates with both the floor controller and the gaming device. The data communication node communicates with the gaming device over a serial interface through which the data communication node transmits reconfiguration commands. The gaming device reconfigures its payout schedule responsive to the reconfiguration commands to provide a variety of promotional bonuses such as multiple jackpot bonuses, mystery jackpot bonuses, progressive jackpot bonuses, or player specific bonuses.

57 Claims, 34 Drawing Sheets



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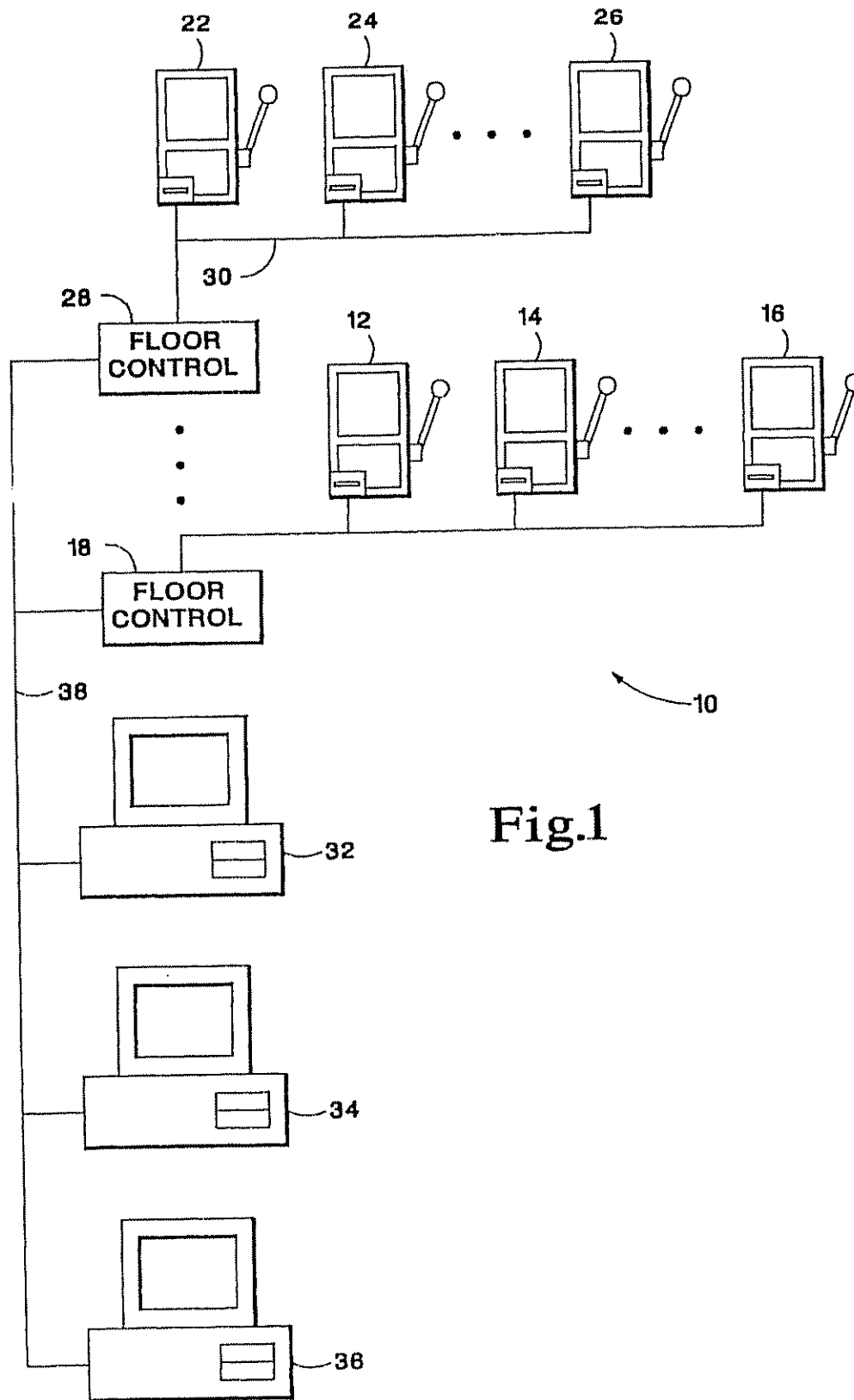


Fig.1

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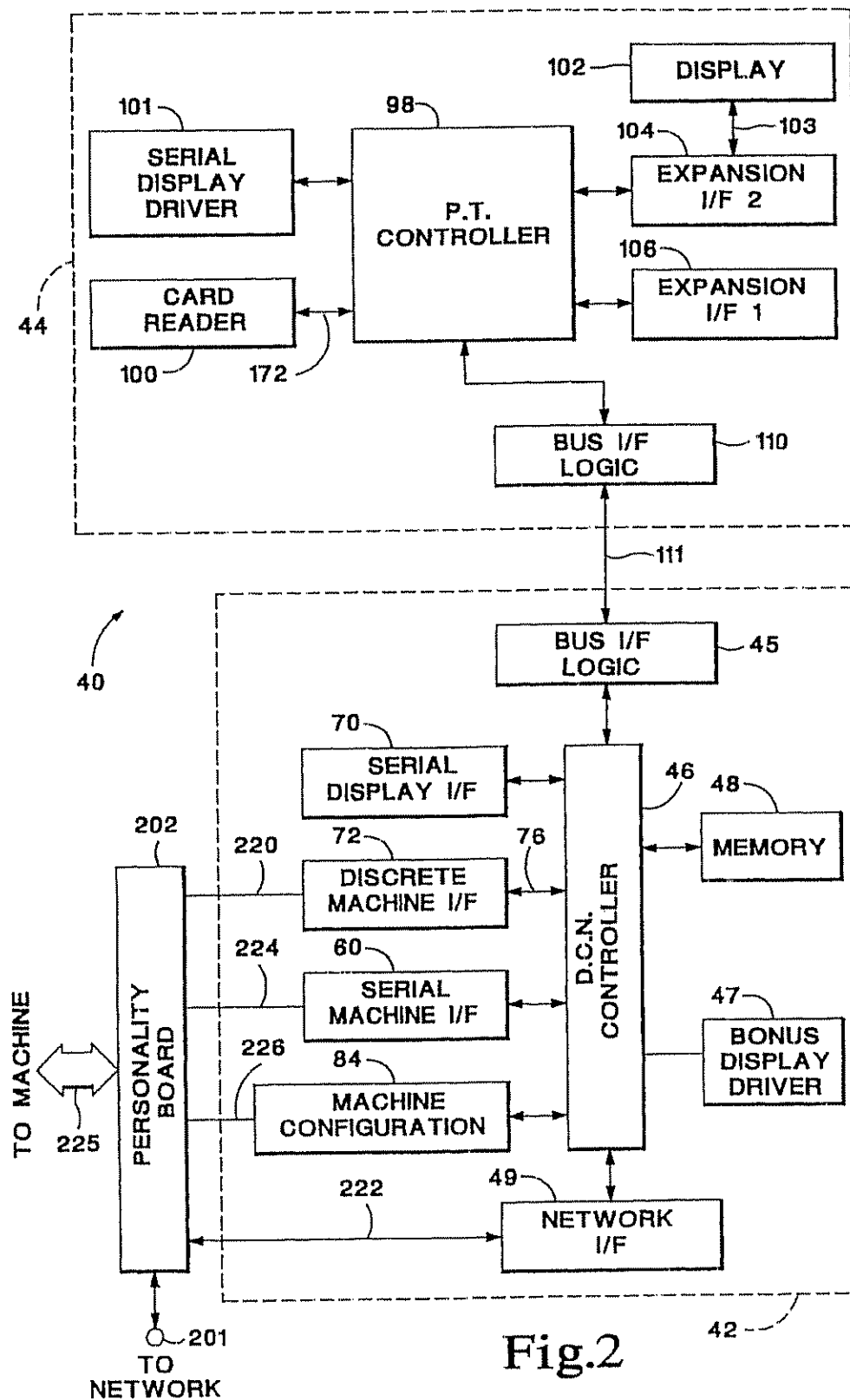
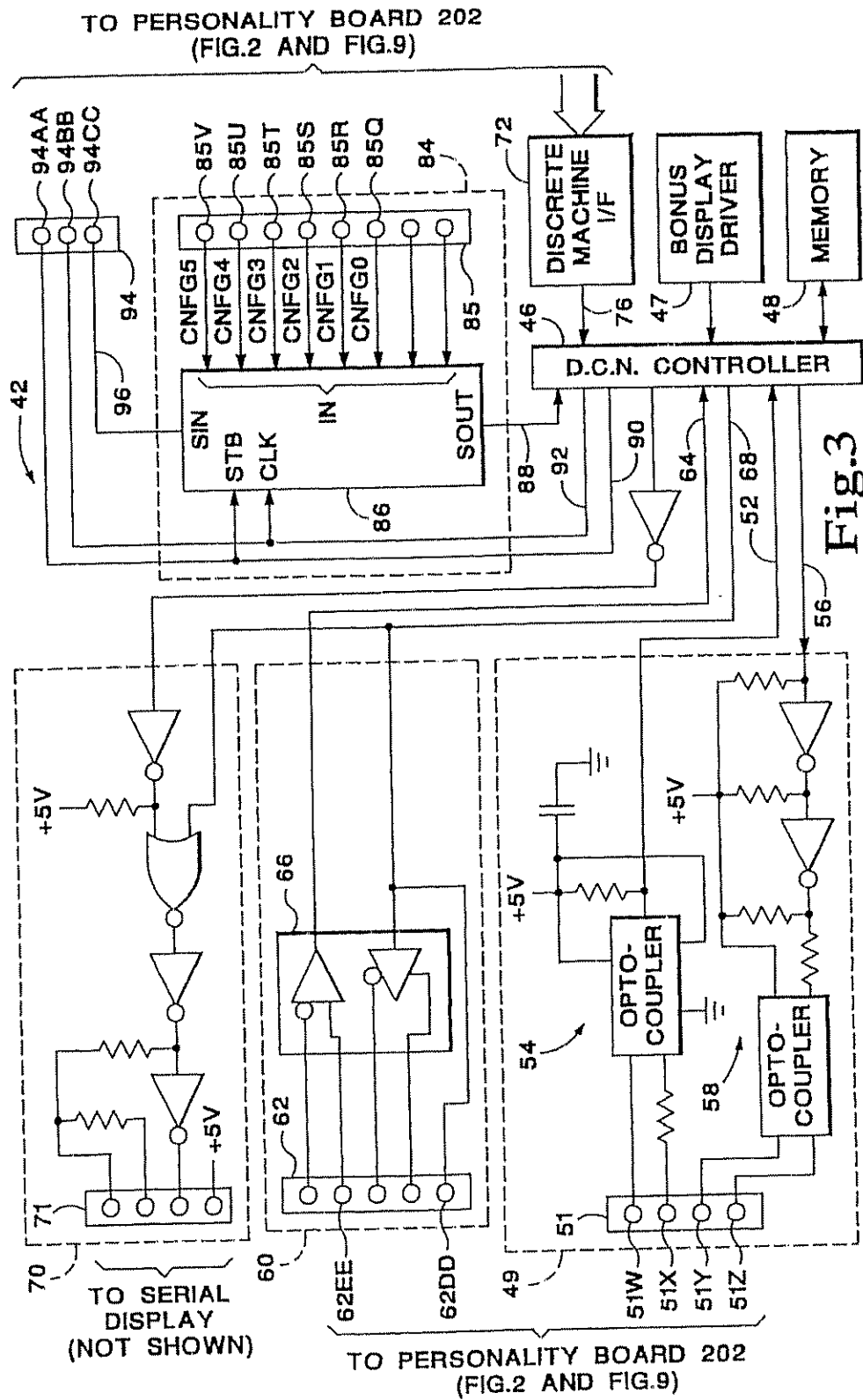


Fig.2

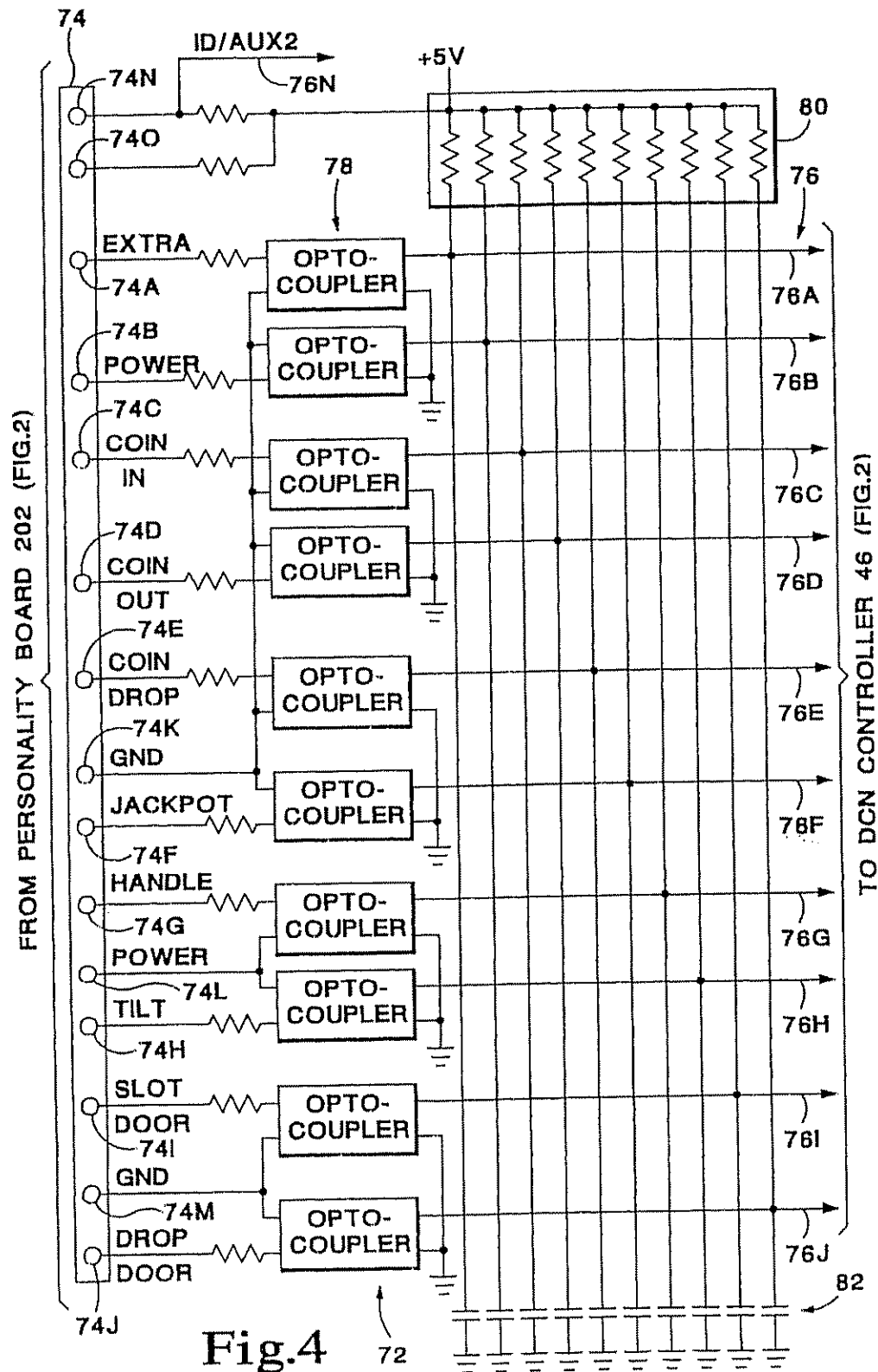


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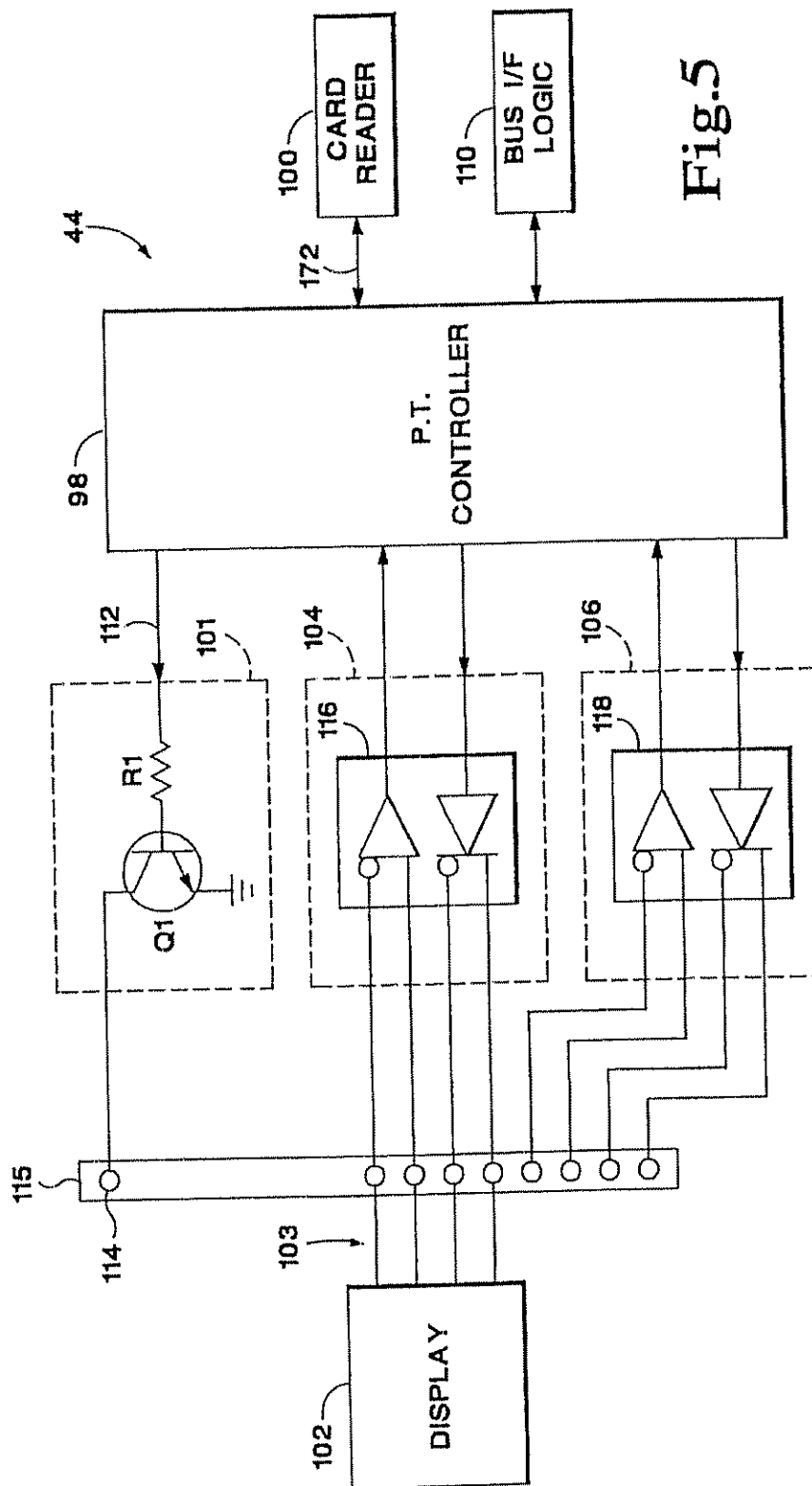


Fig.5

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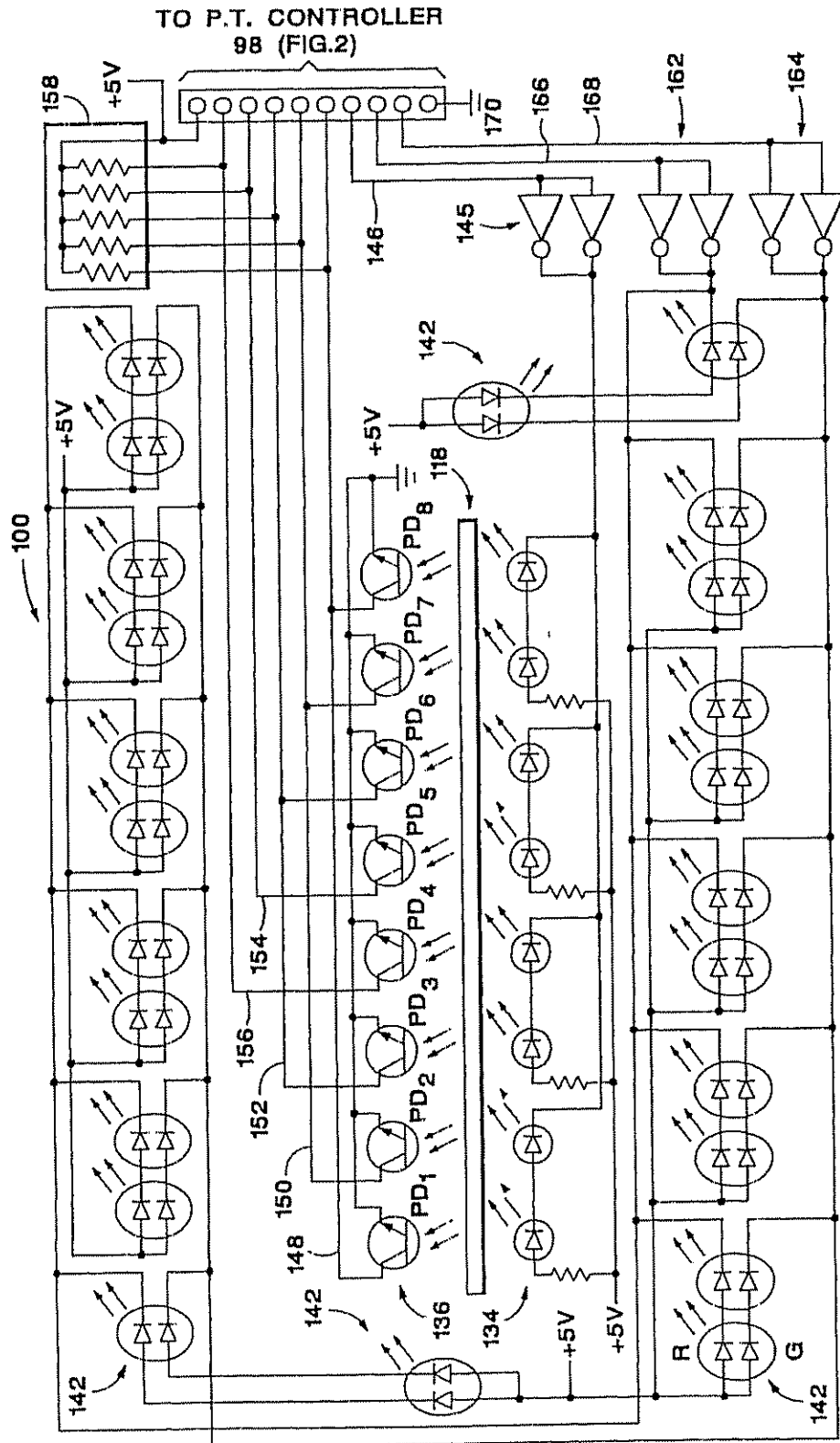


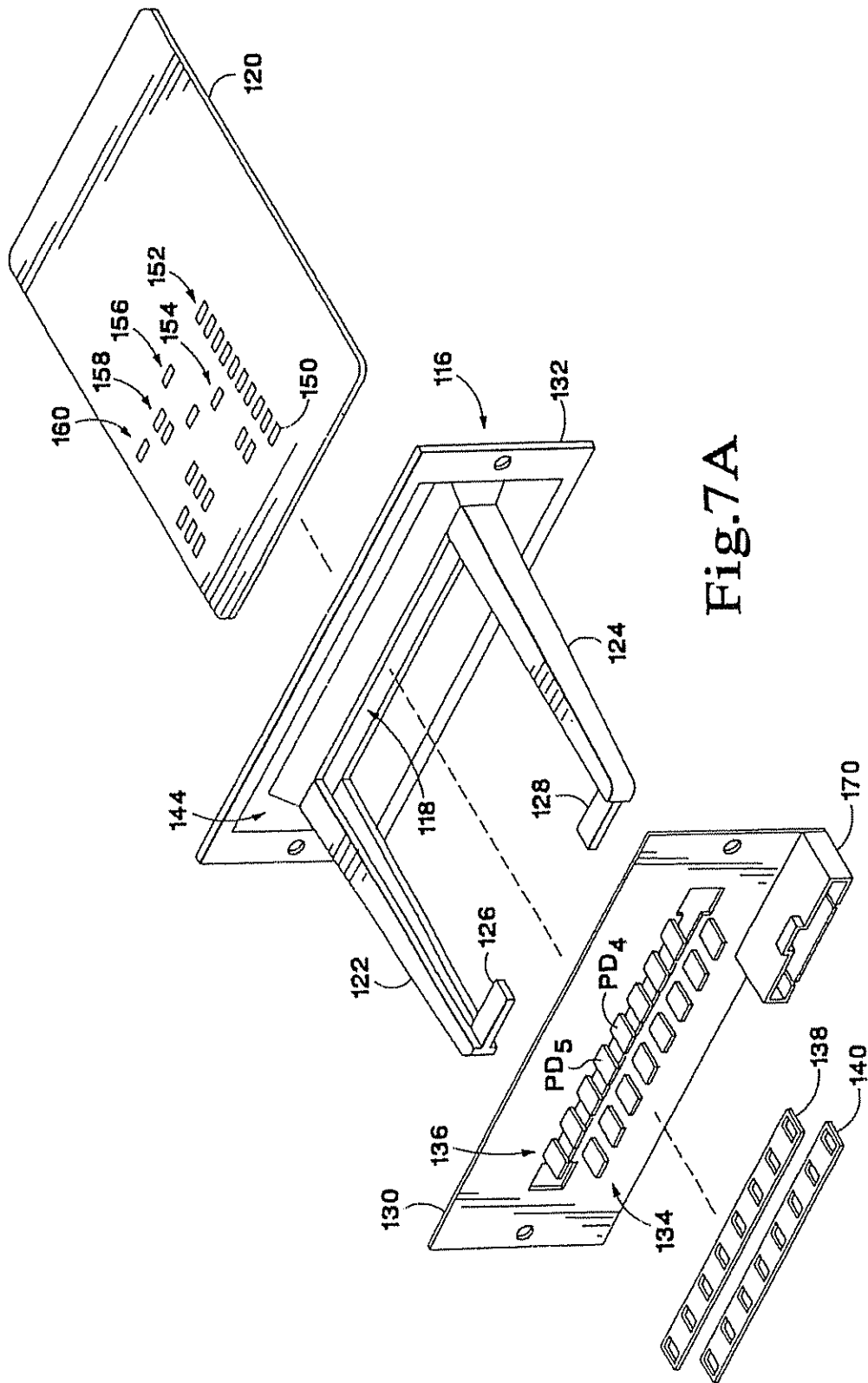
Fig.6

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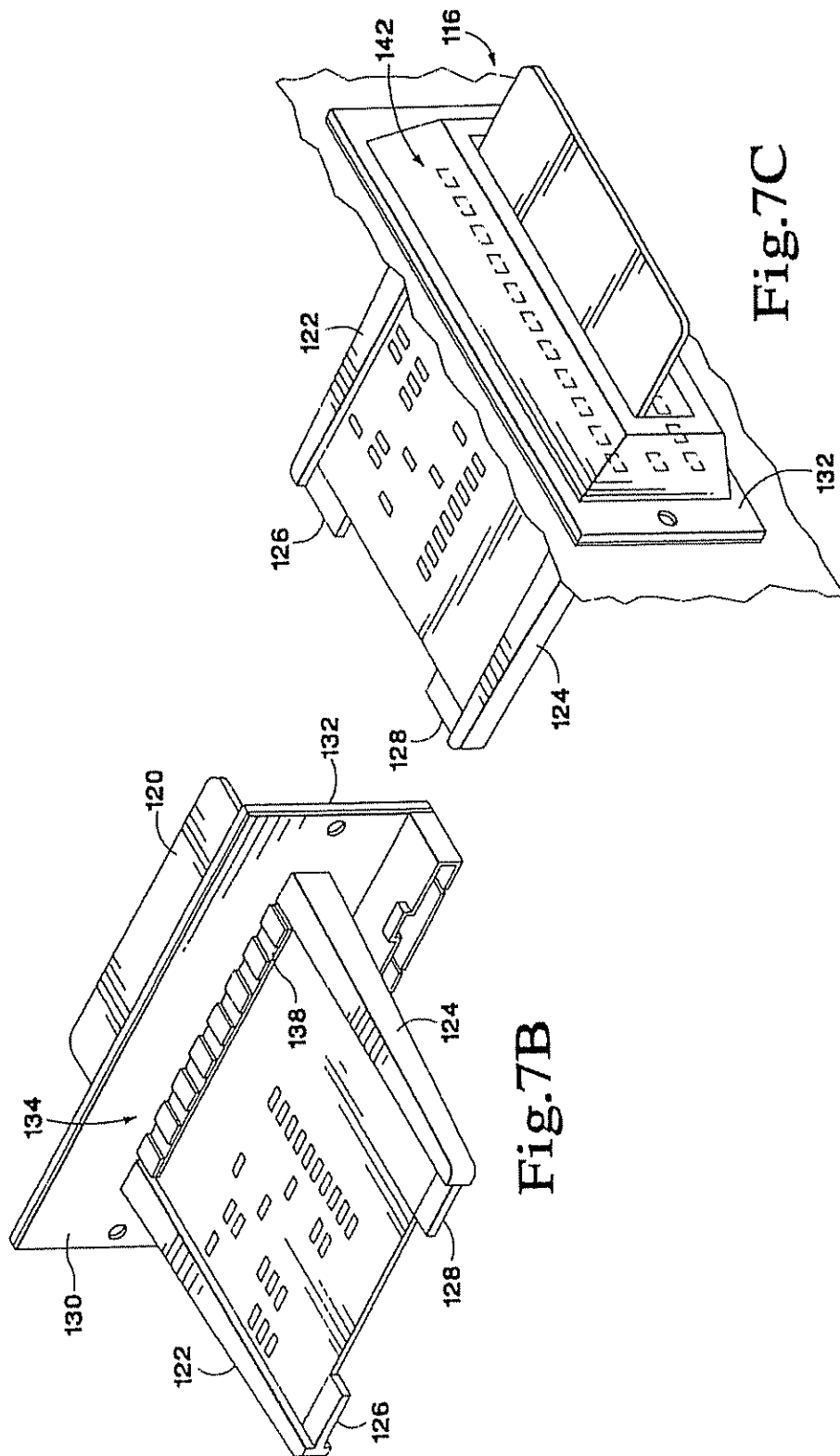


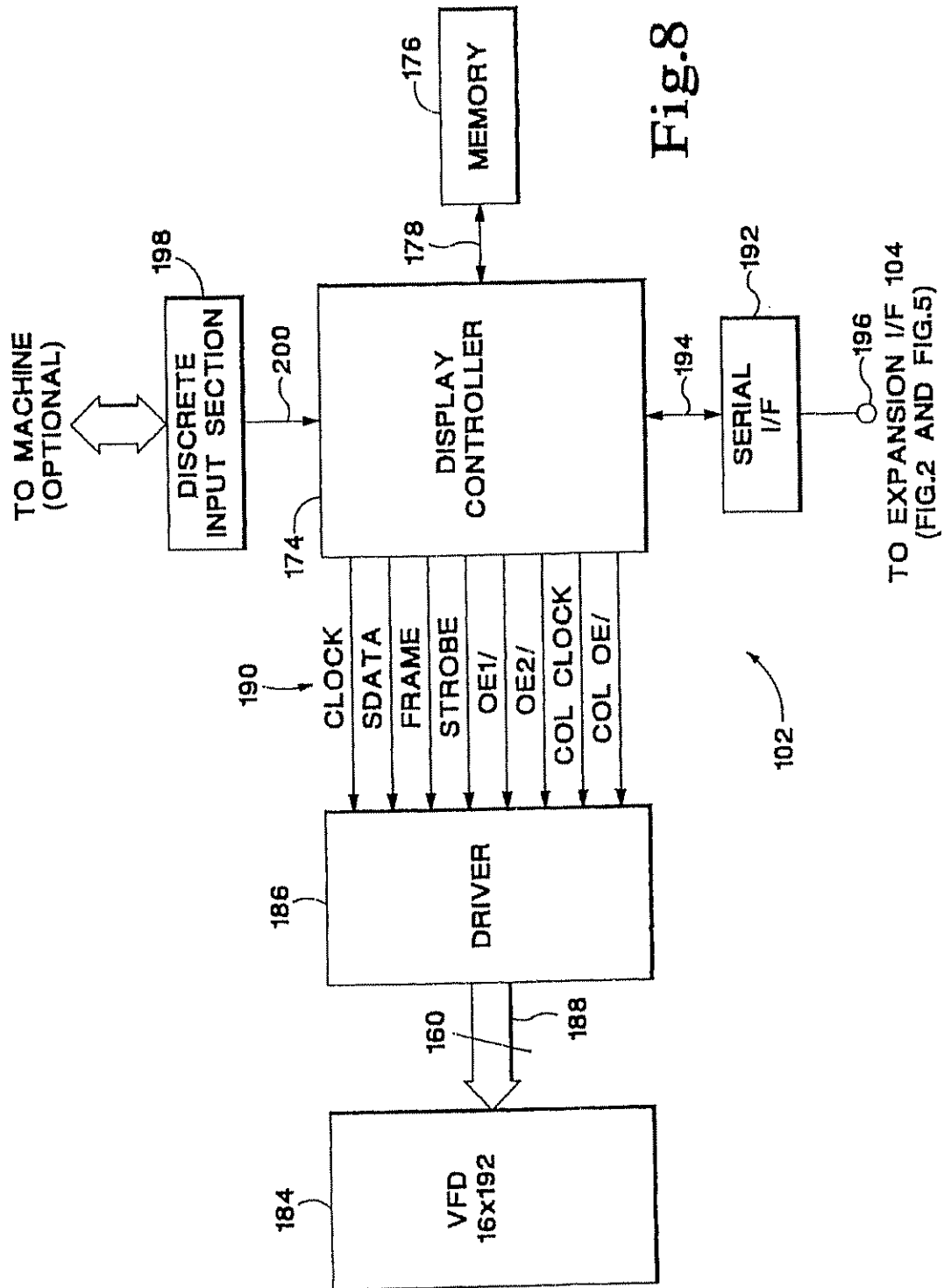
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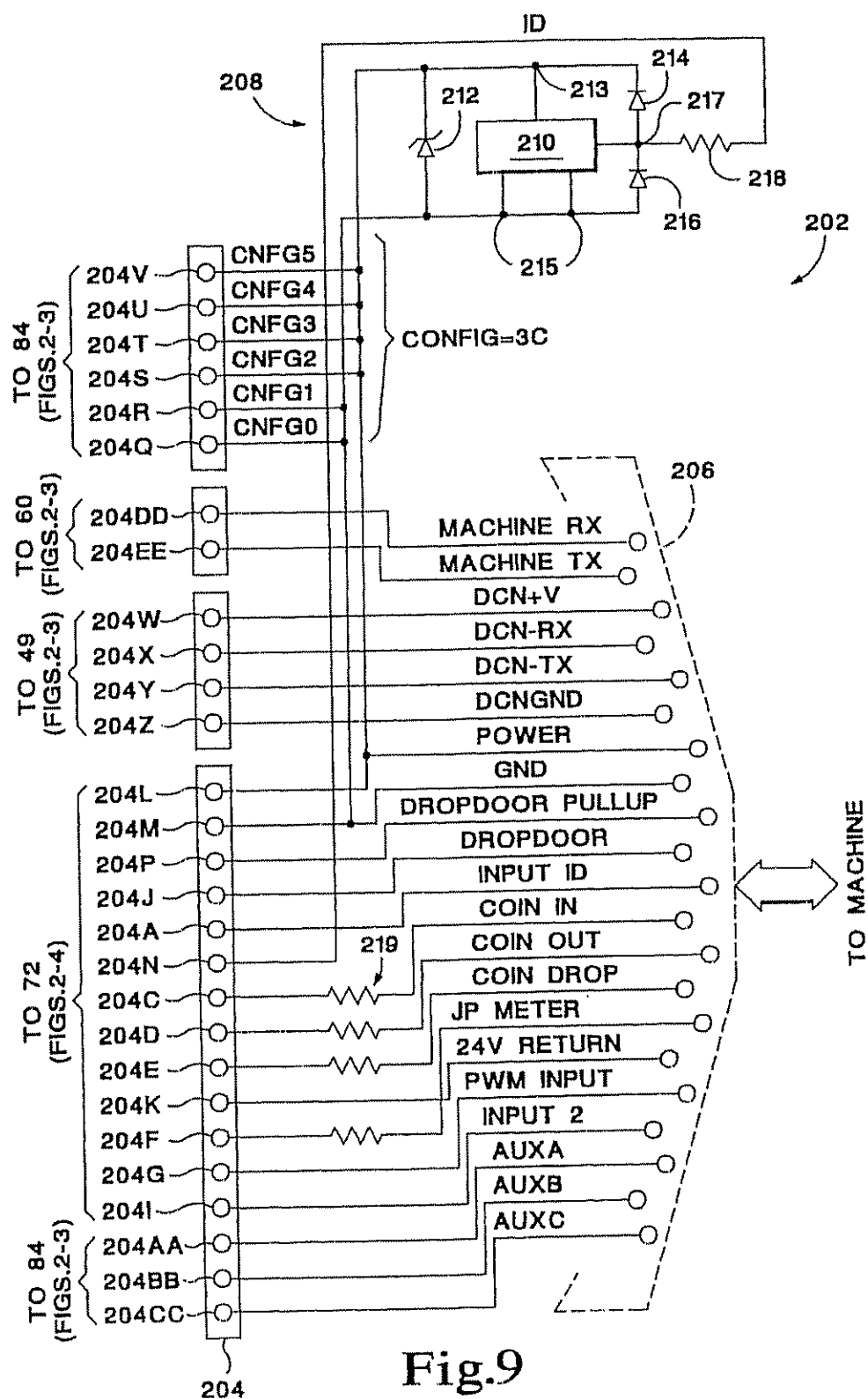


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Fig. 10

The circuit in Fig. 10 includes a D.C.N. controller 46 (FIG. 2) connected to terminals 228A, 228B, and 228C. These terminals are connected to an optocoupler 230. The optocoupler 230 is connected to a transistor 234, which is in turn connected to a relay 236. The relay 236 has six contacts labeled 236A through 236F, which are connected to a bonus display. A resistor 232 is connected between the optocoupler 230 and the relay 236. A capacitor 234 is connected across the relay 236.

Fig. 11

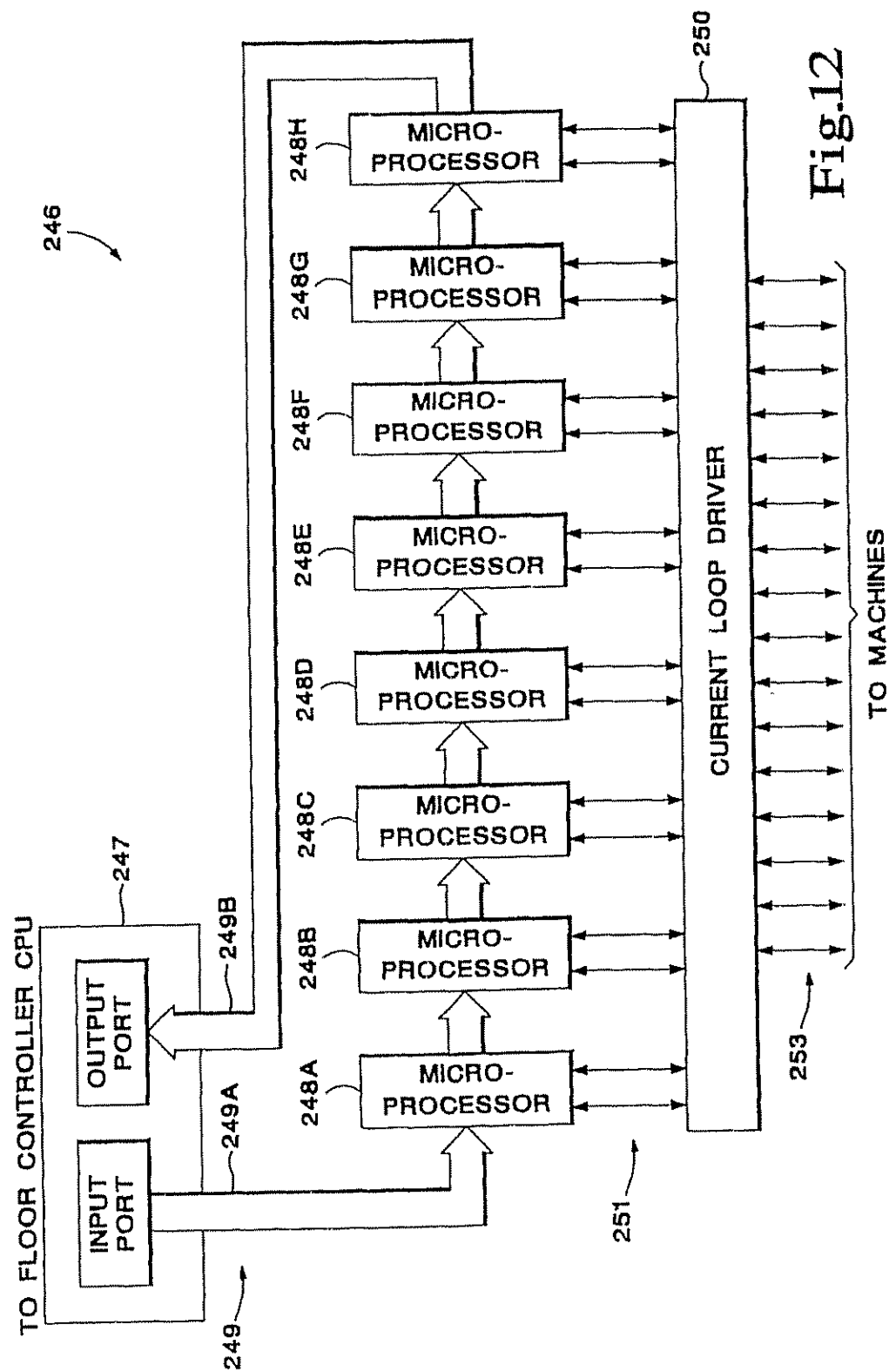
The circuit in Fig. 11 includes a D.C.N. controller 46 (FIG. 2) connected to terminals 238A, 238B, and 238C. These terminals are connected to a relay 240. The relay 240 has six contacts labeled 244A through 244F, which are connected to a bonus display. A resistor 242 is connected between the relay 240 and the bonus display. A capacitor 240 is connected across the relay 240.

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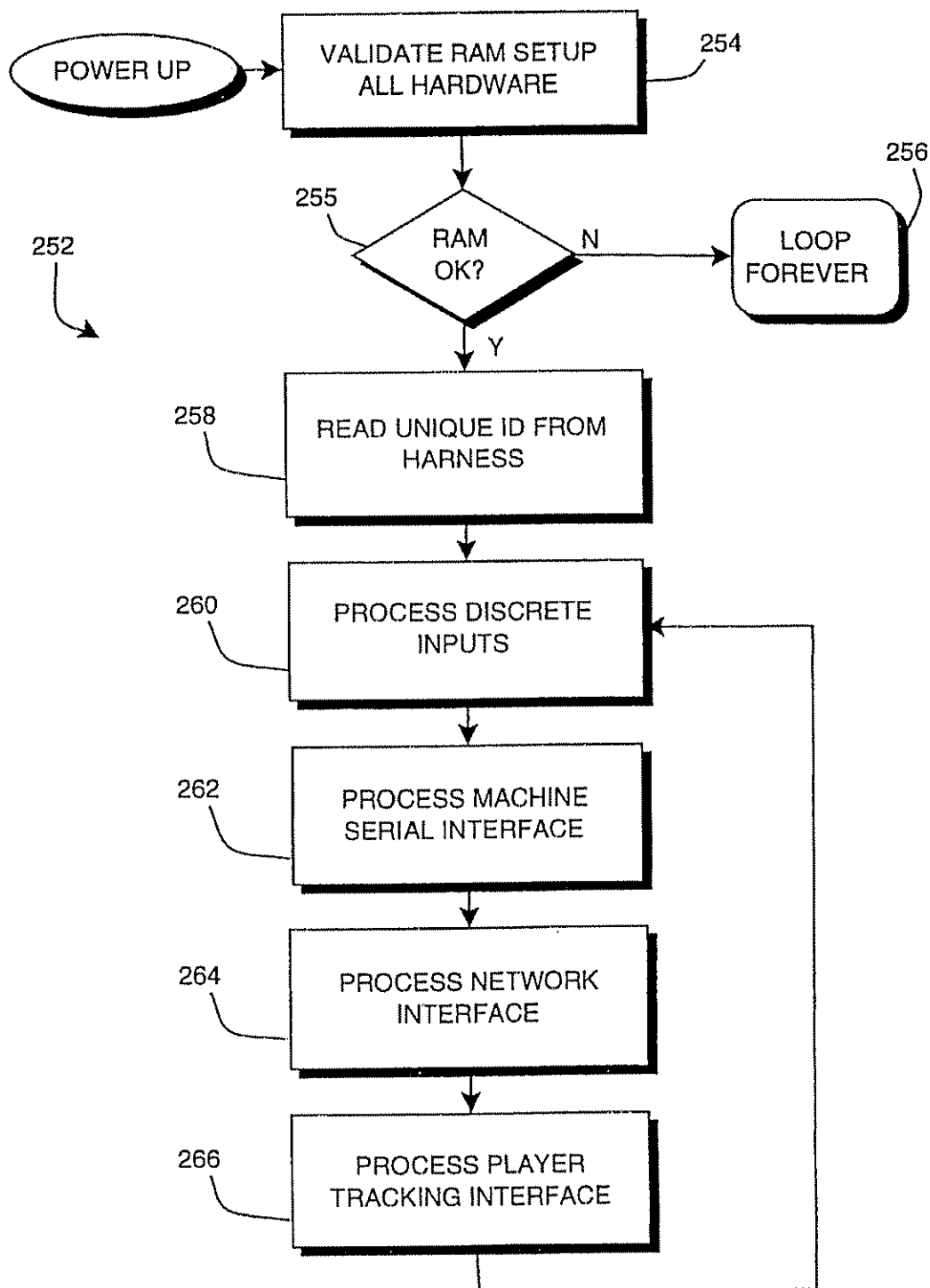


Fig.13

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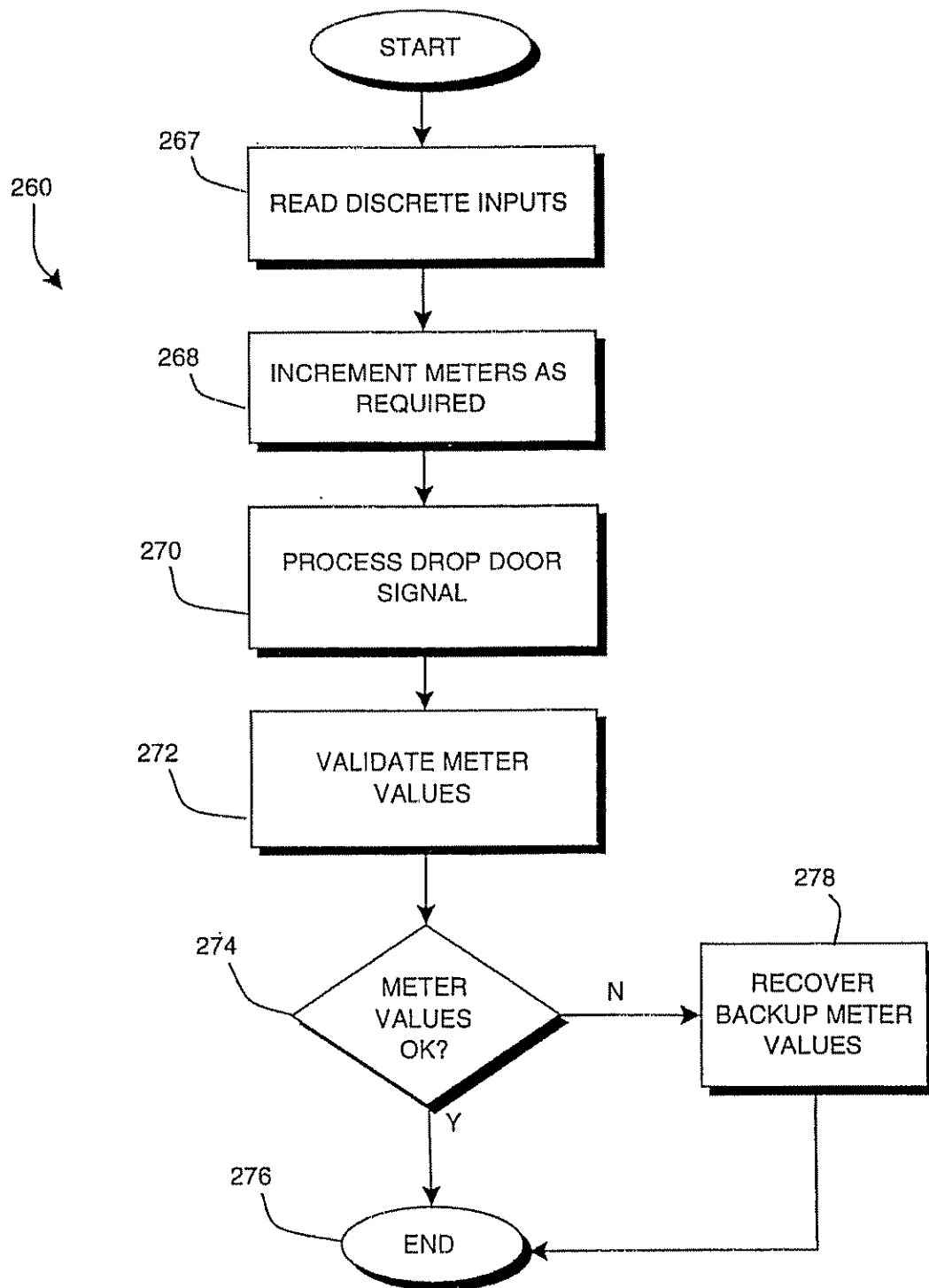


Fig.14

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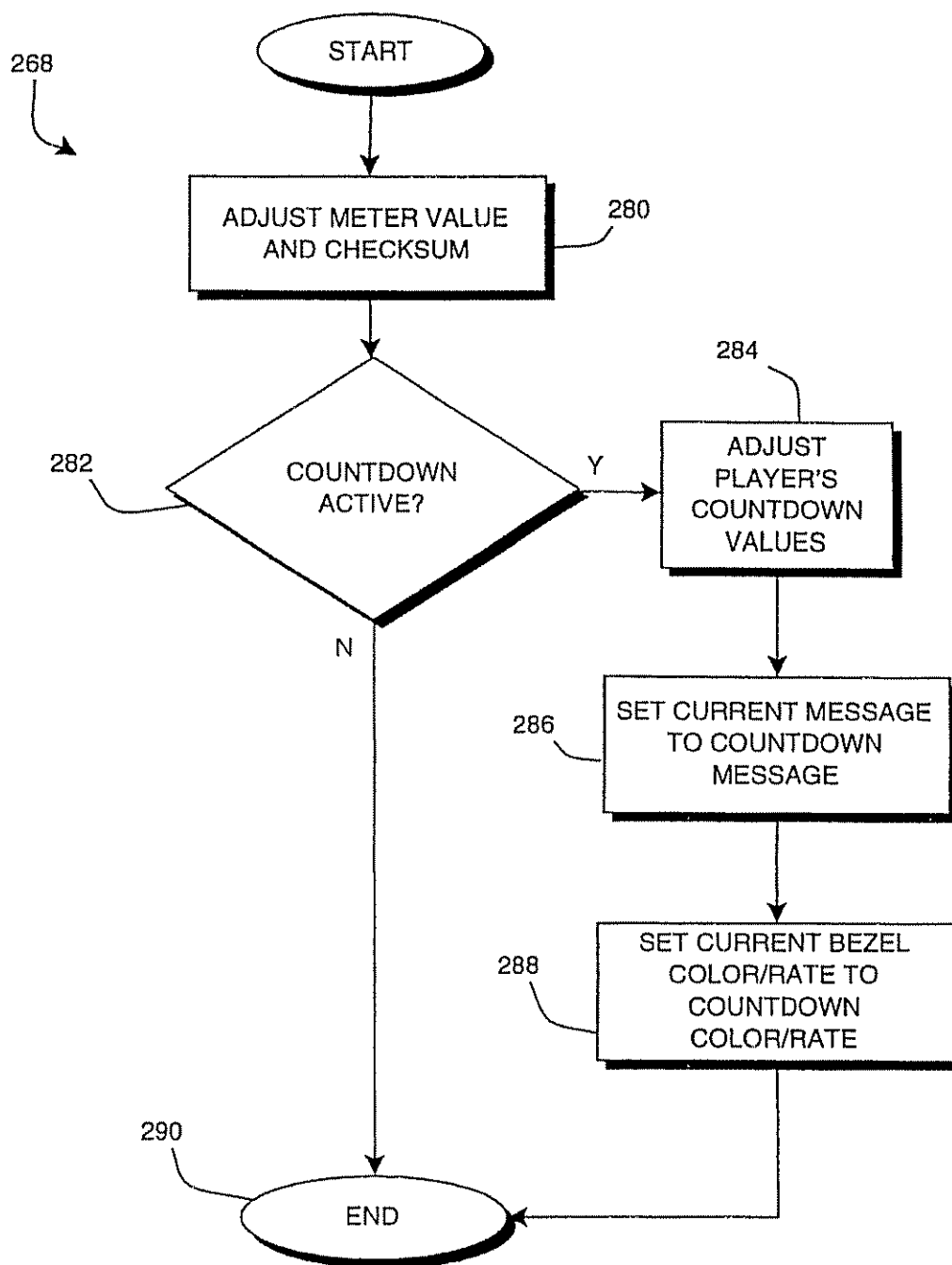


Fig.15

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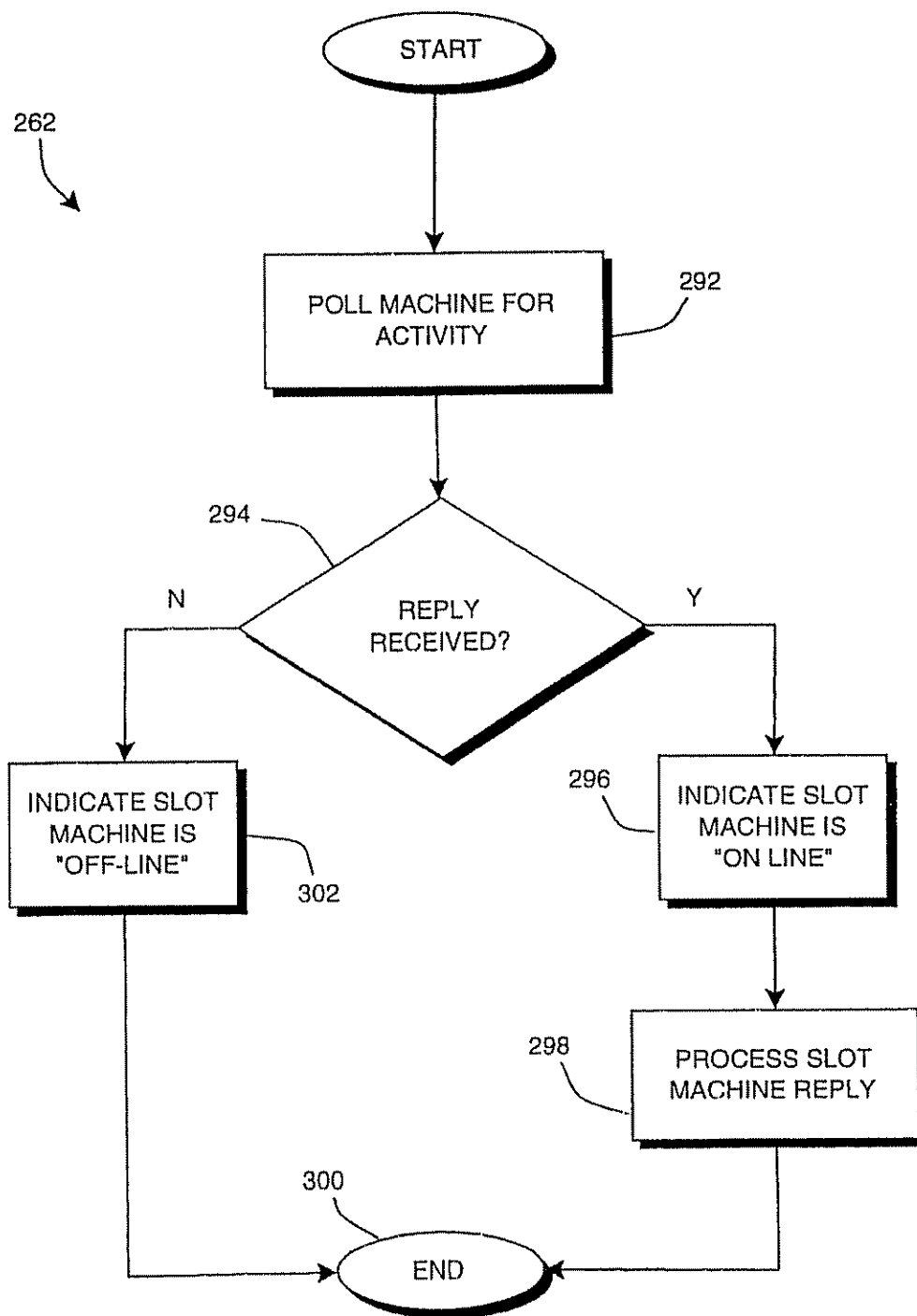


Fig.16

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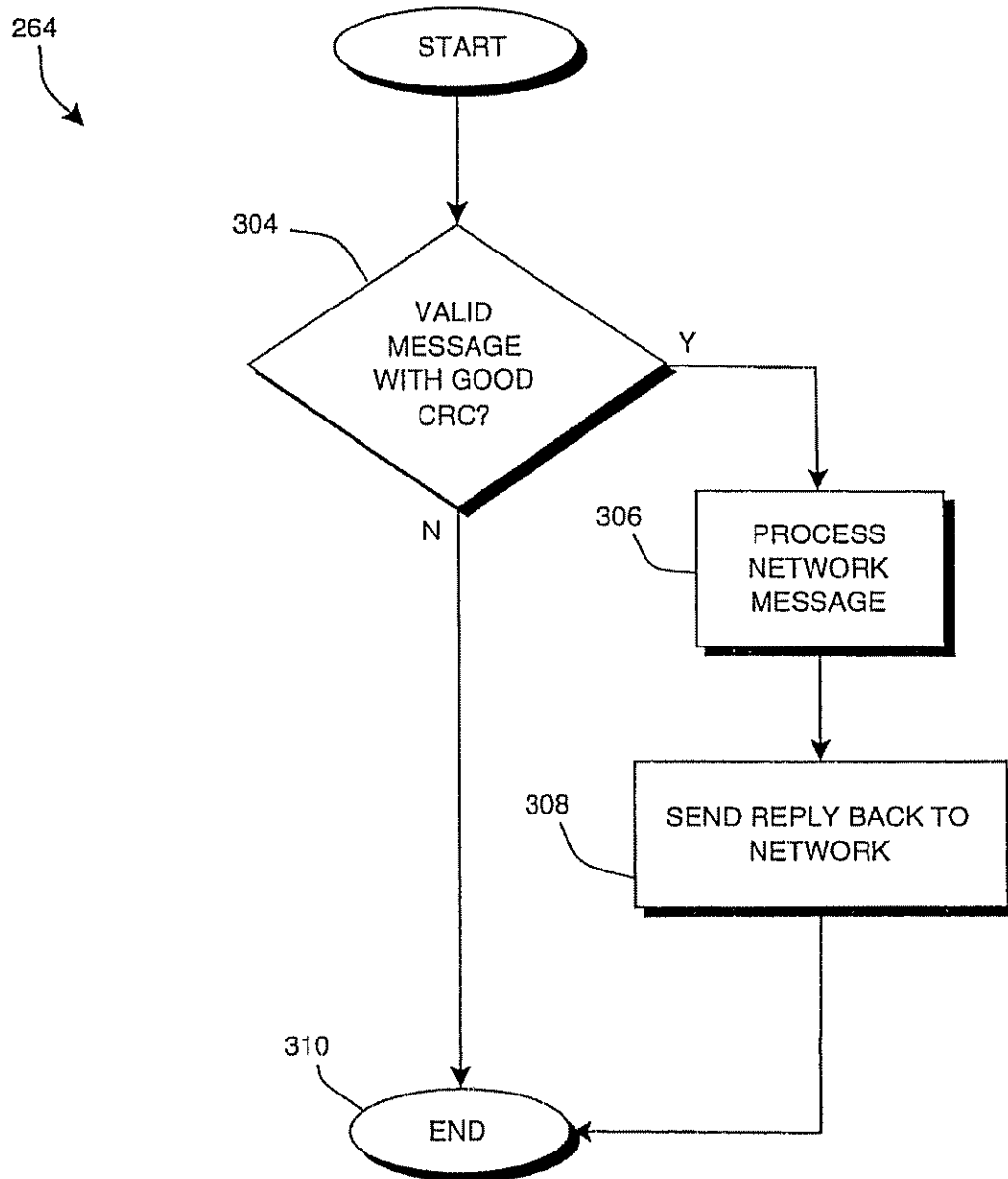


Fig.17

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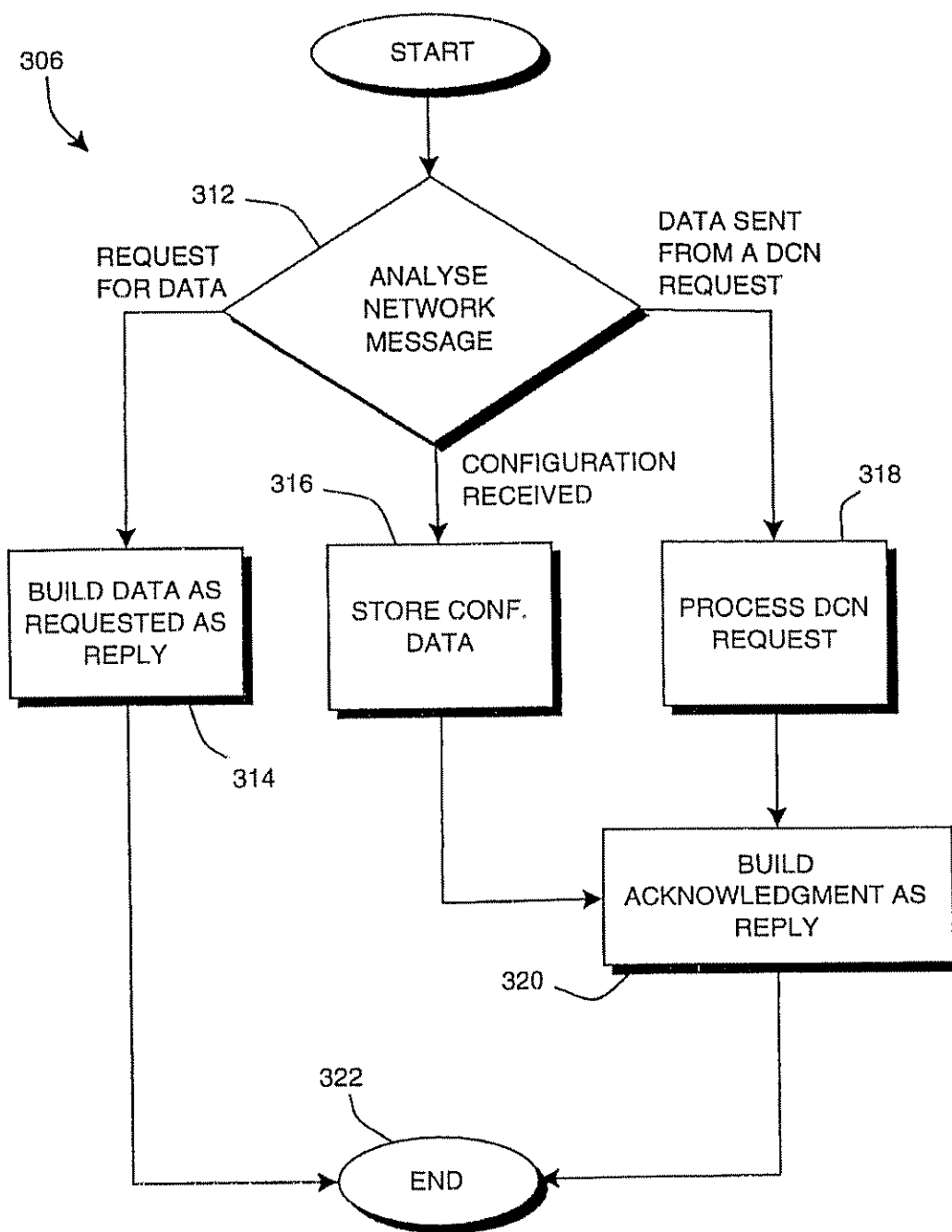


Fig.18

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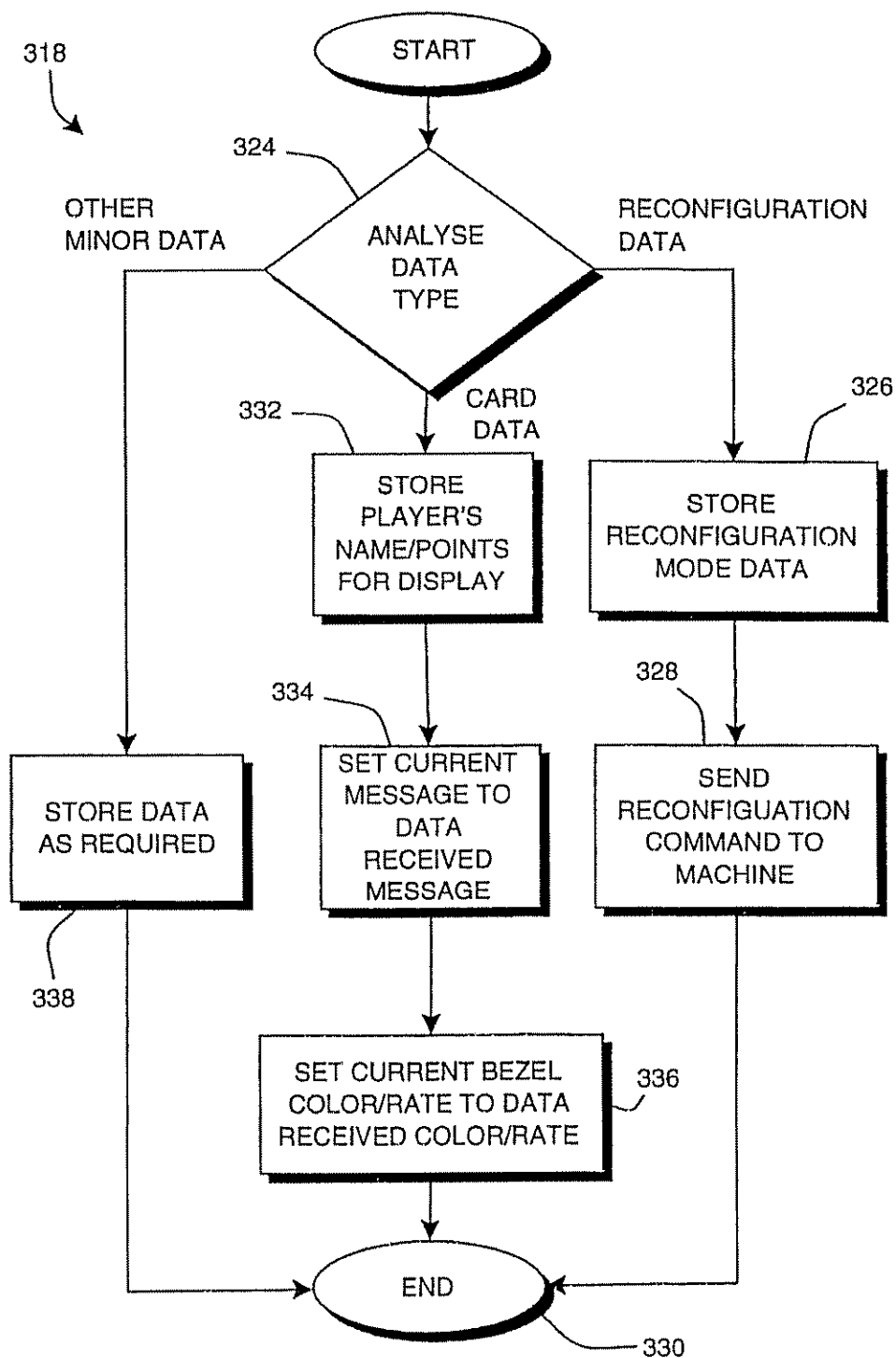


Fig.19

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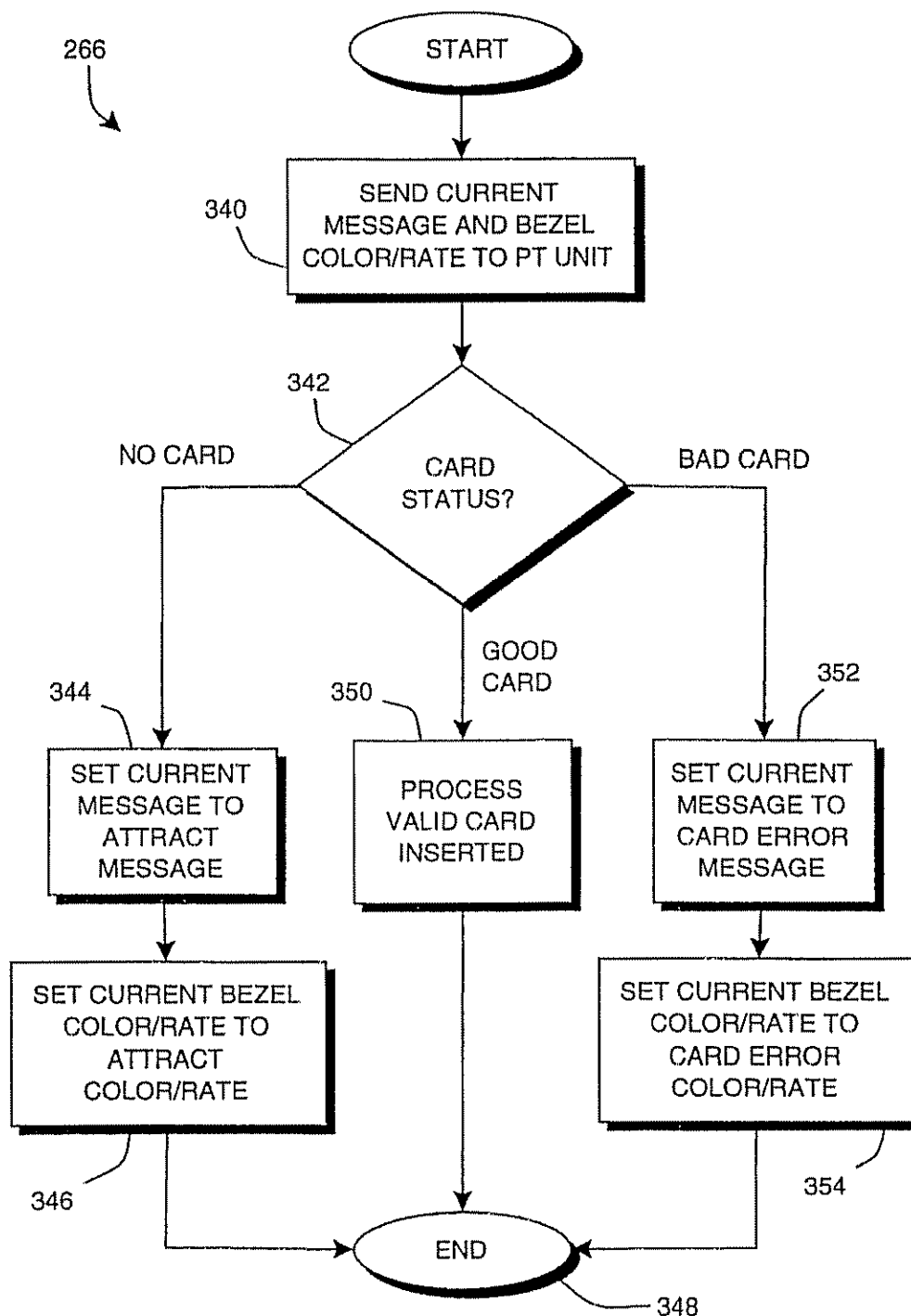


Fig.20

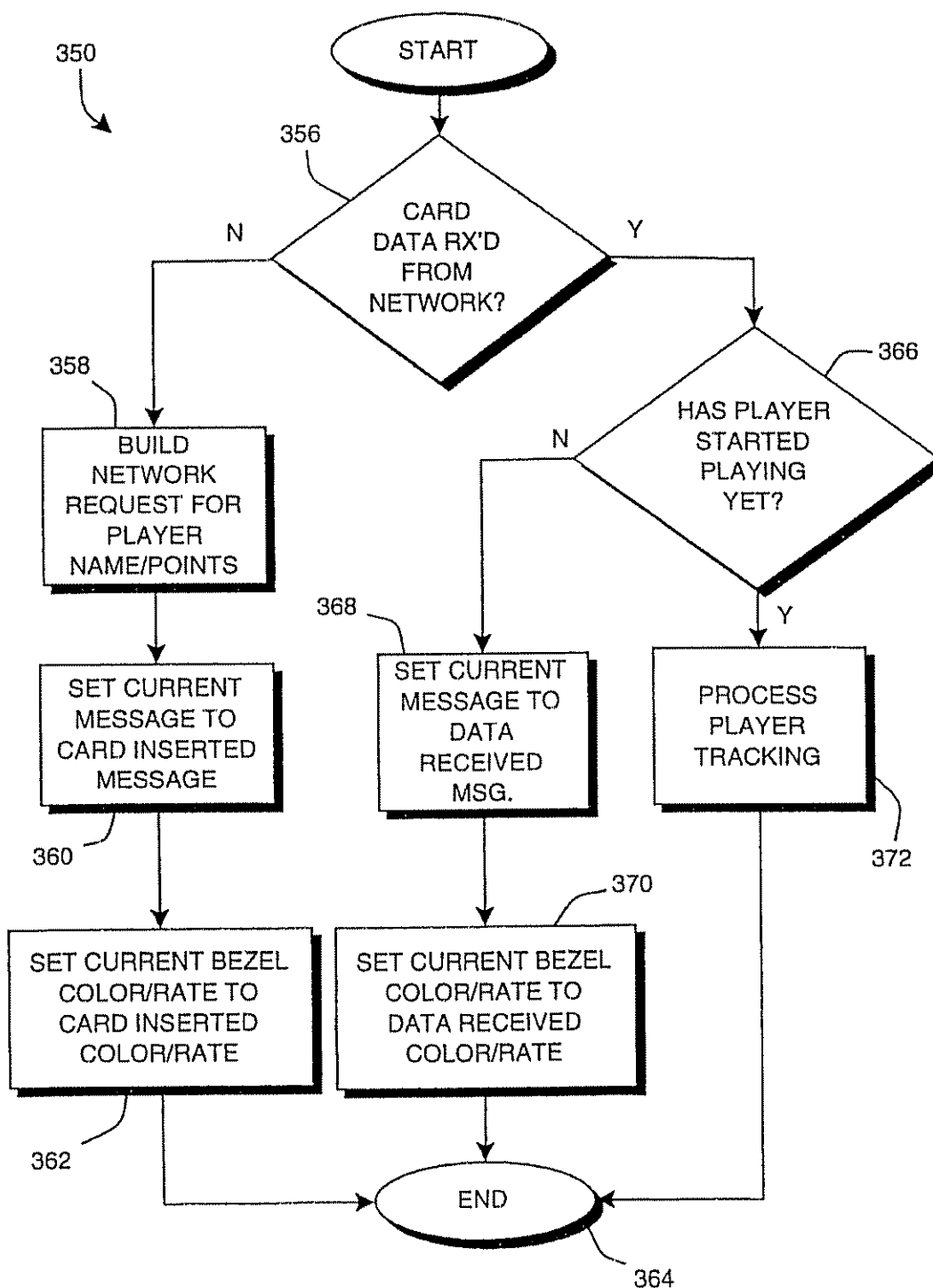


Fig.21

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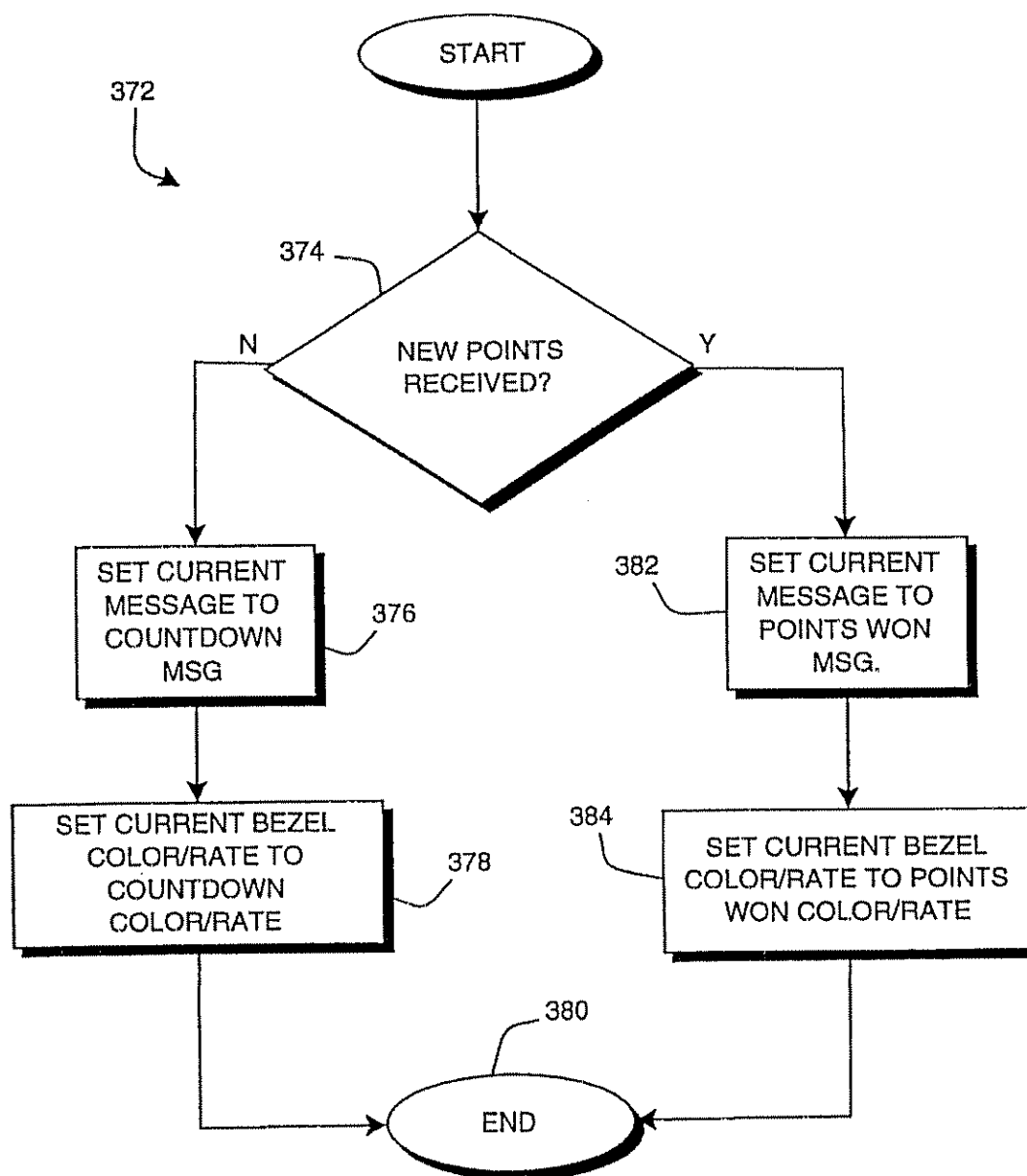


Fig.22

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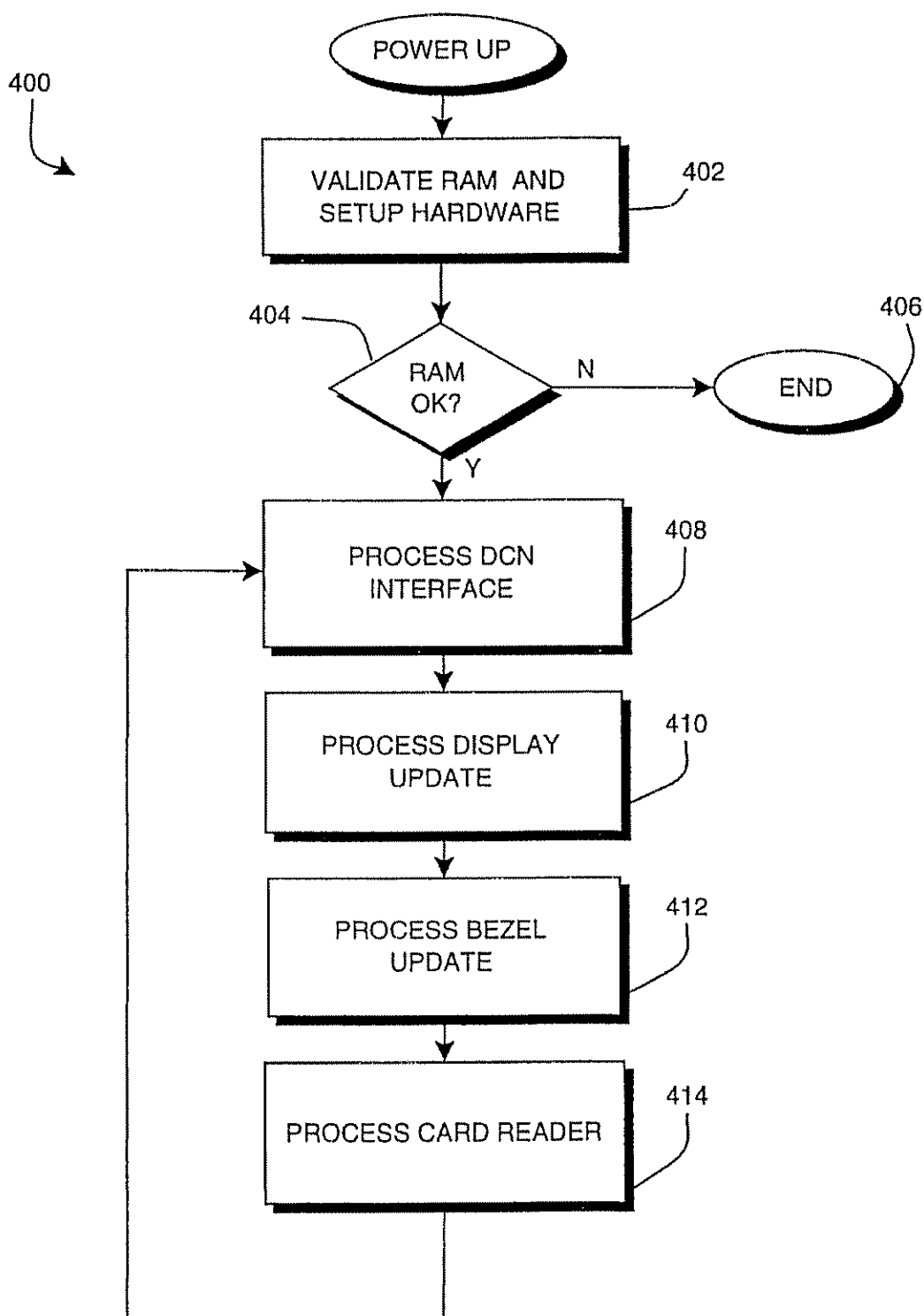


Fig.23

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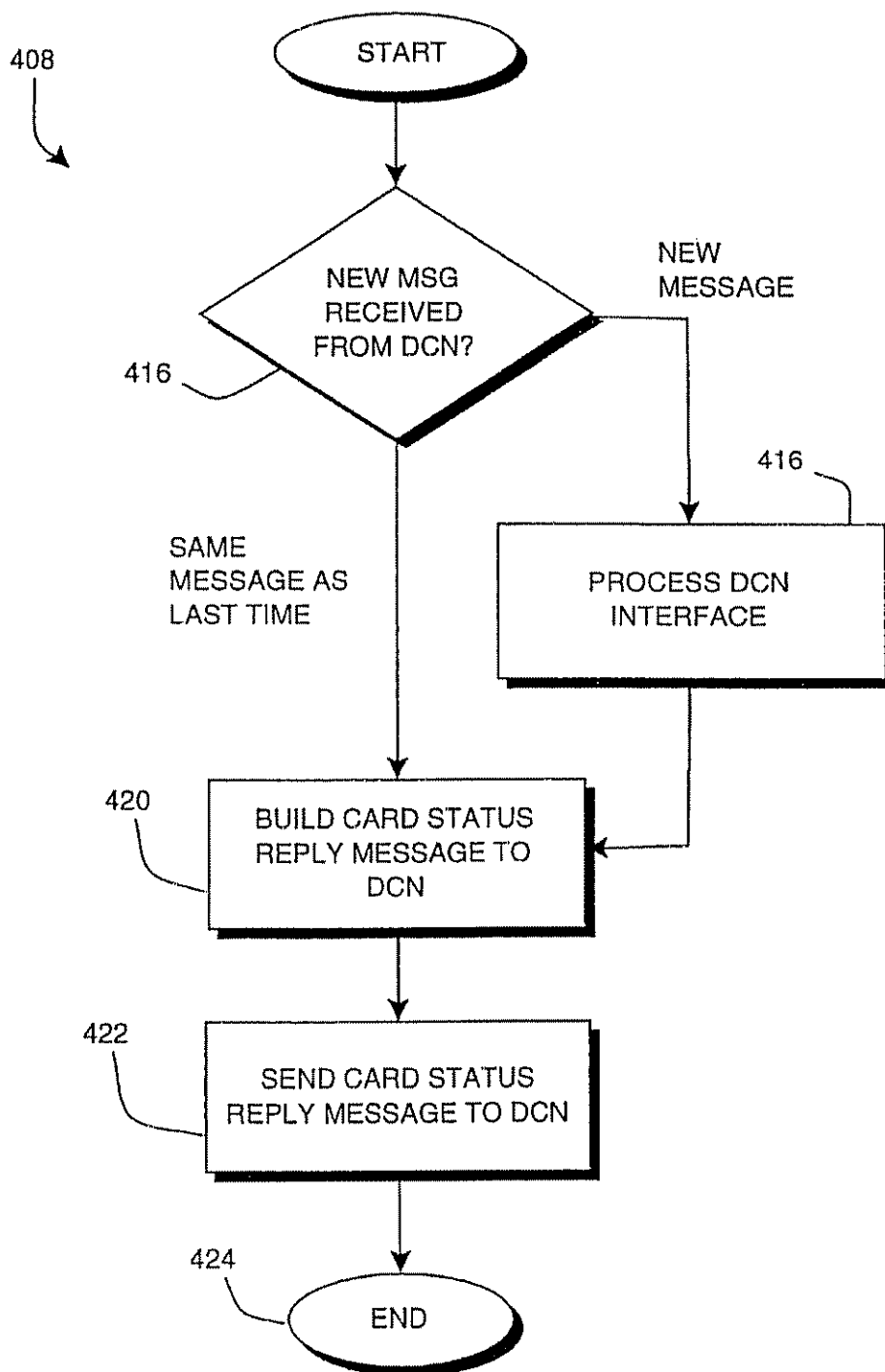


Fig.24

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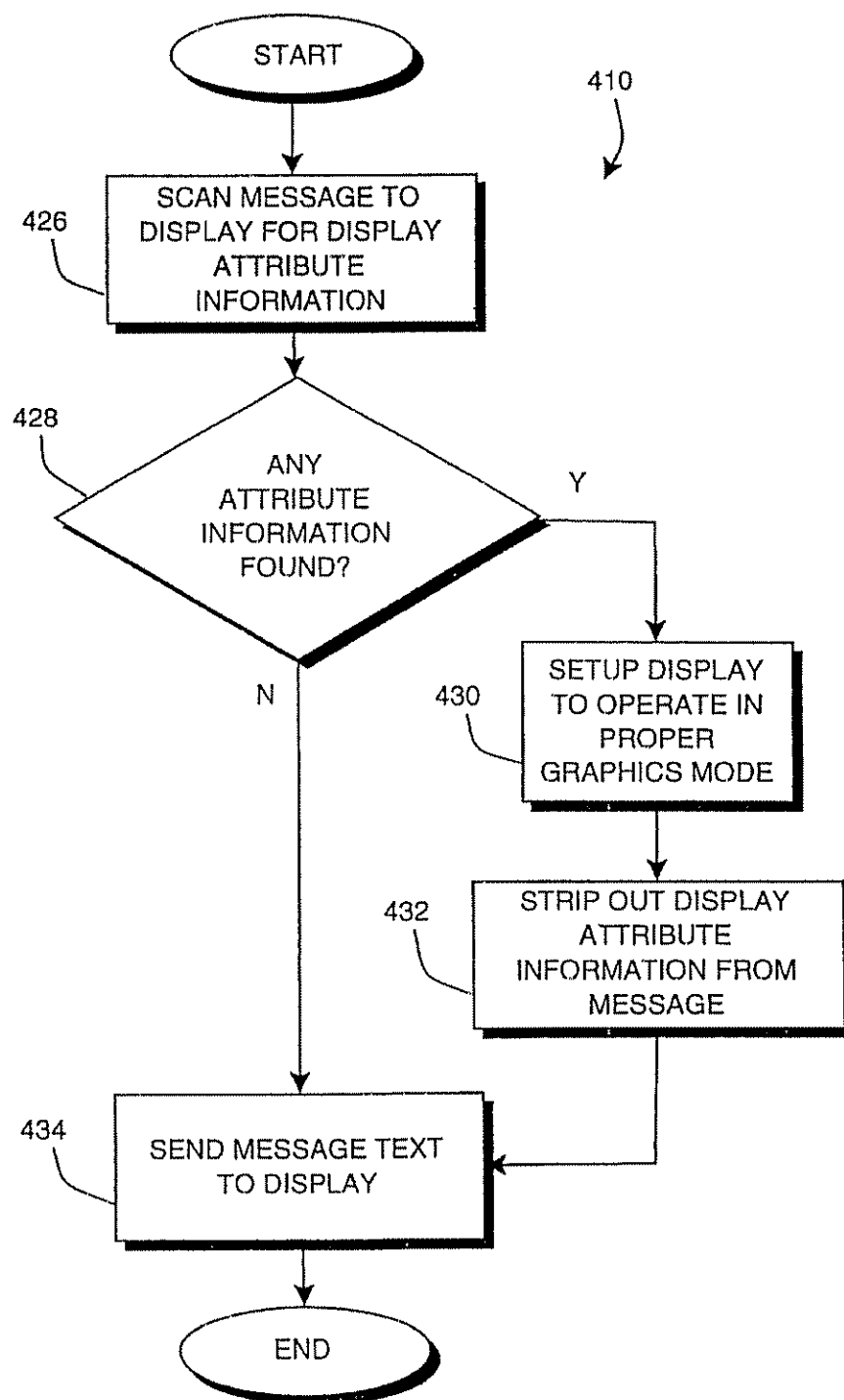


Fig.25

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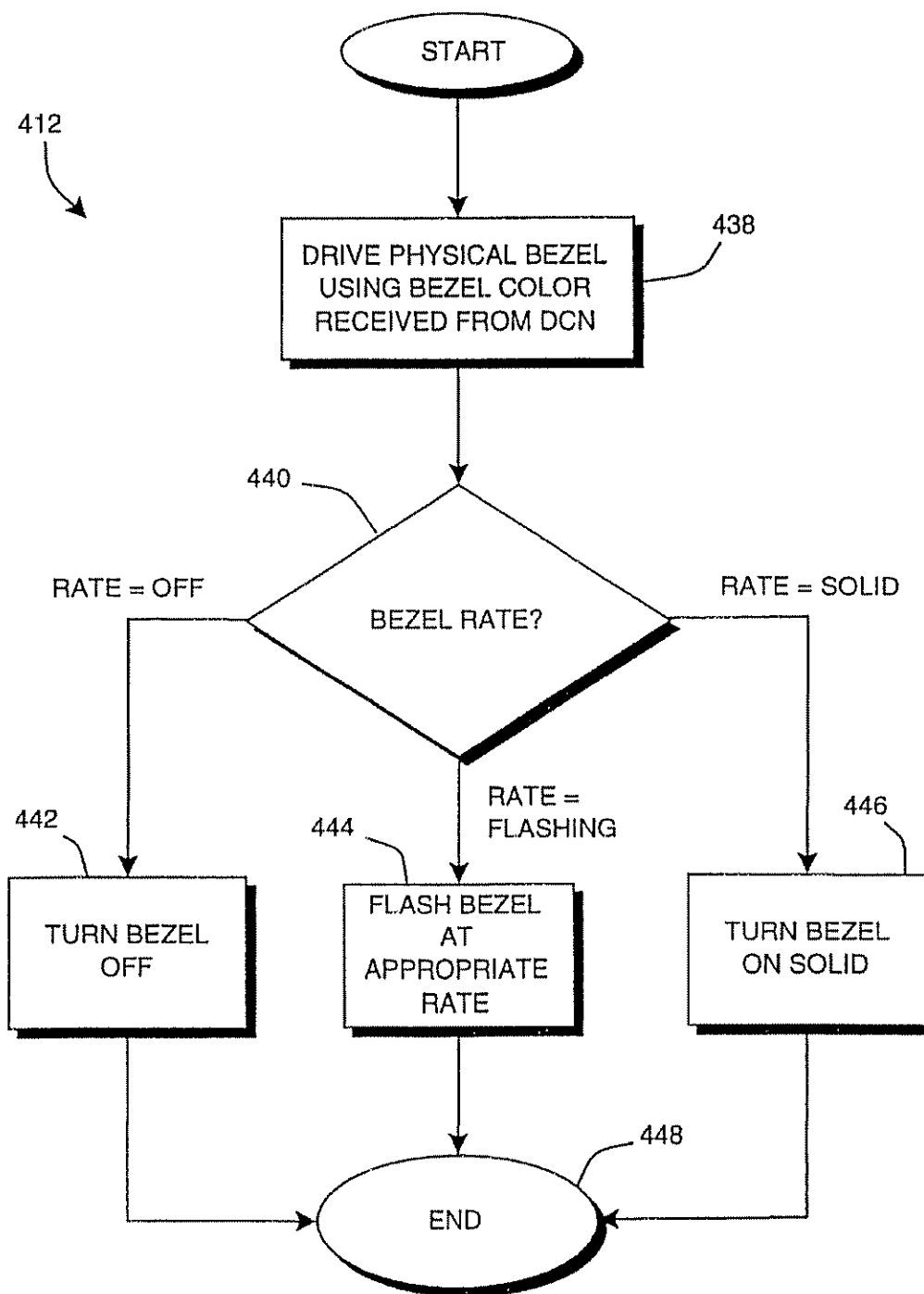


Fig.26

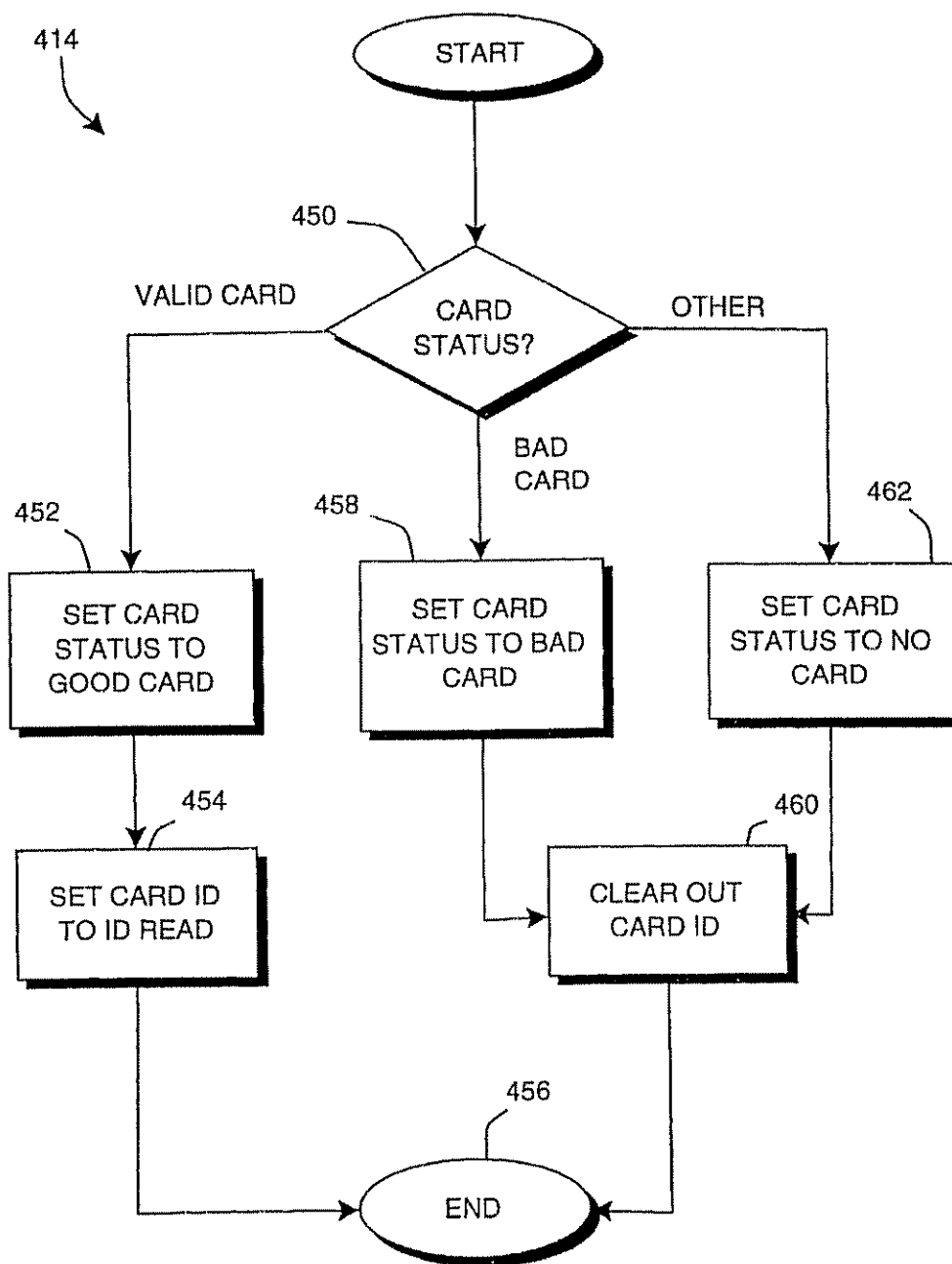


Fig.27

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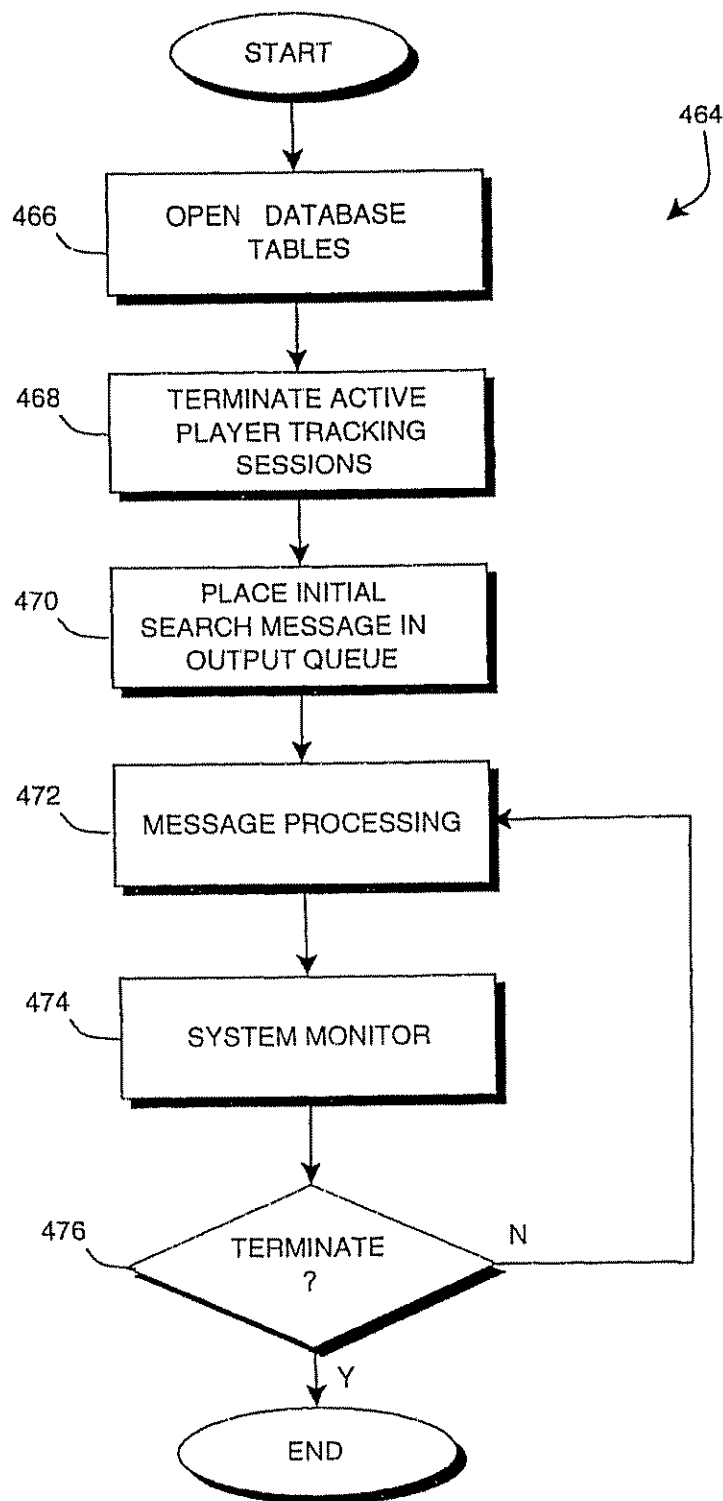


Fig.28

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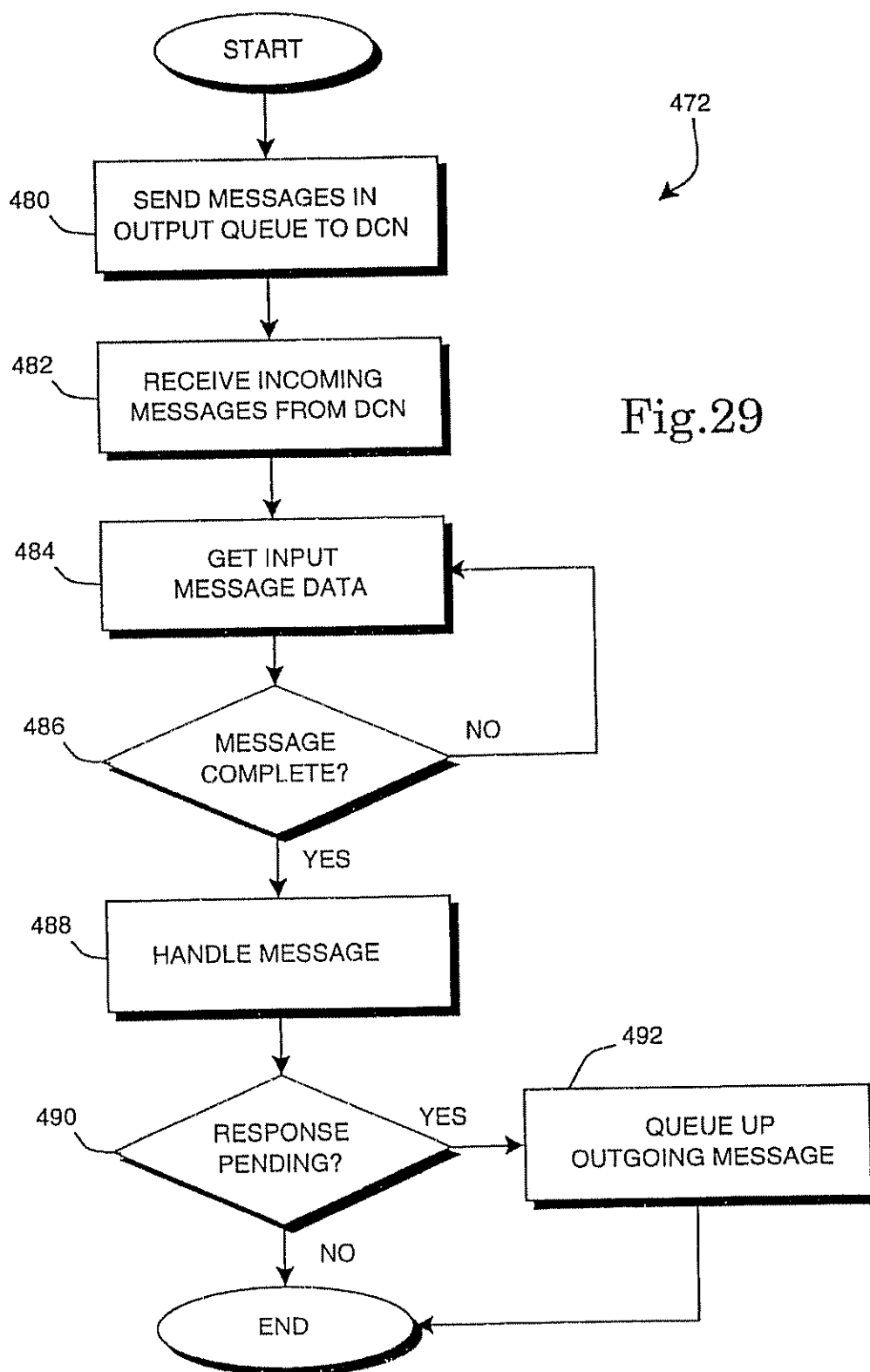
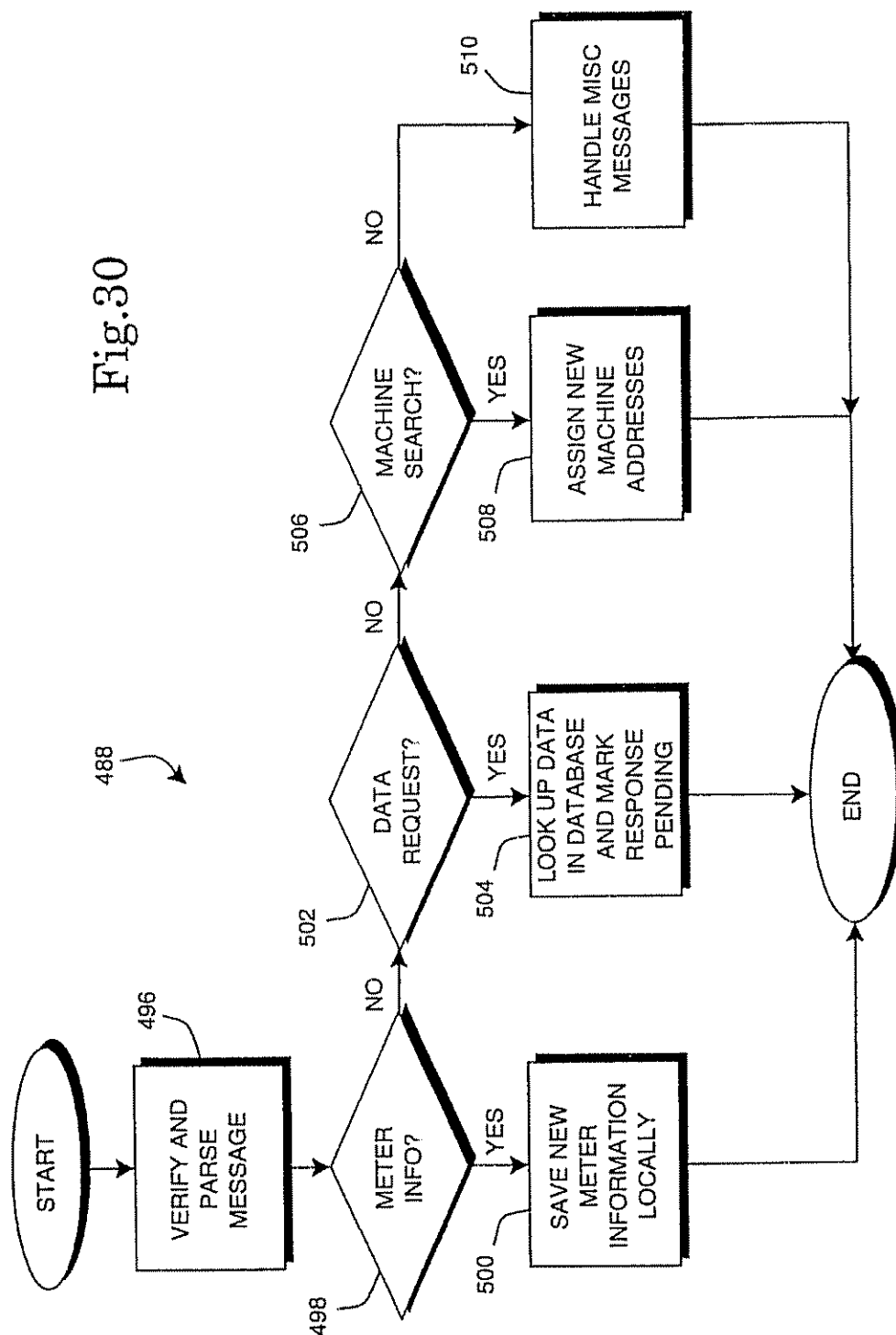


Fig. 30



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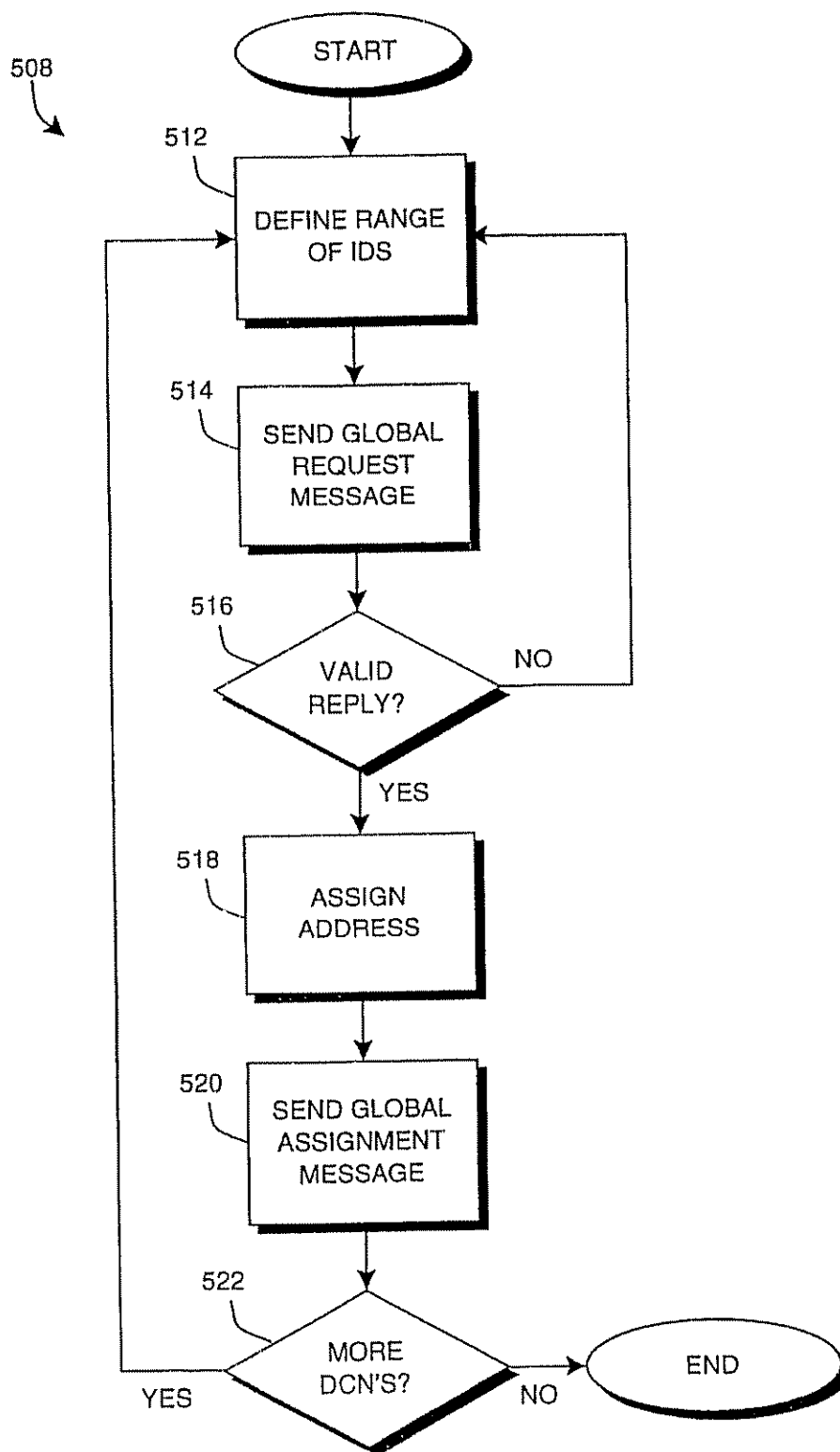


Fig.31

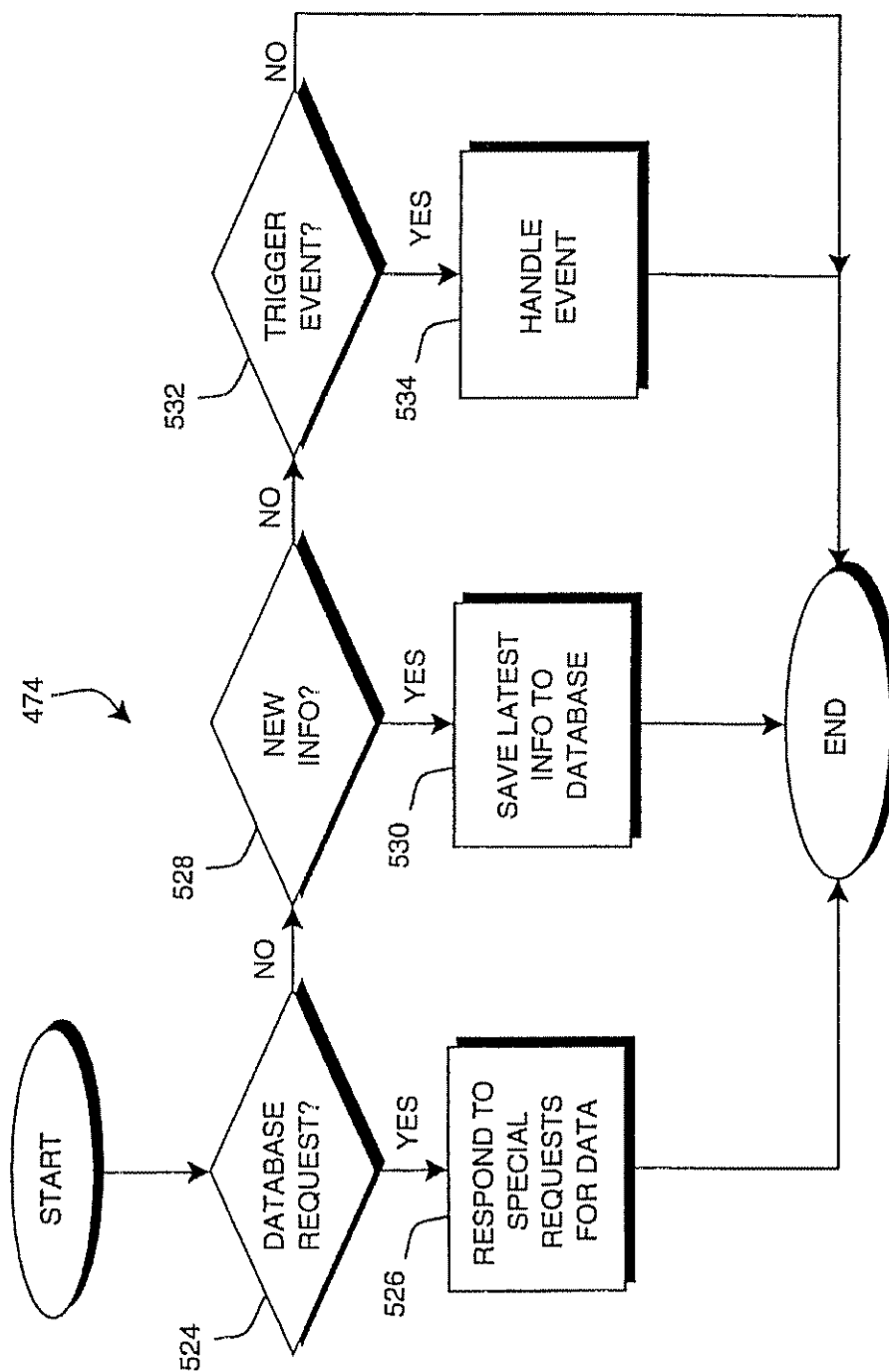


Fig.32

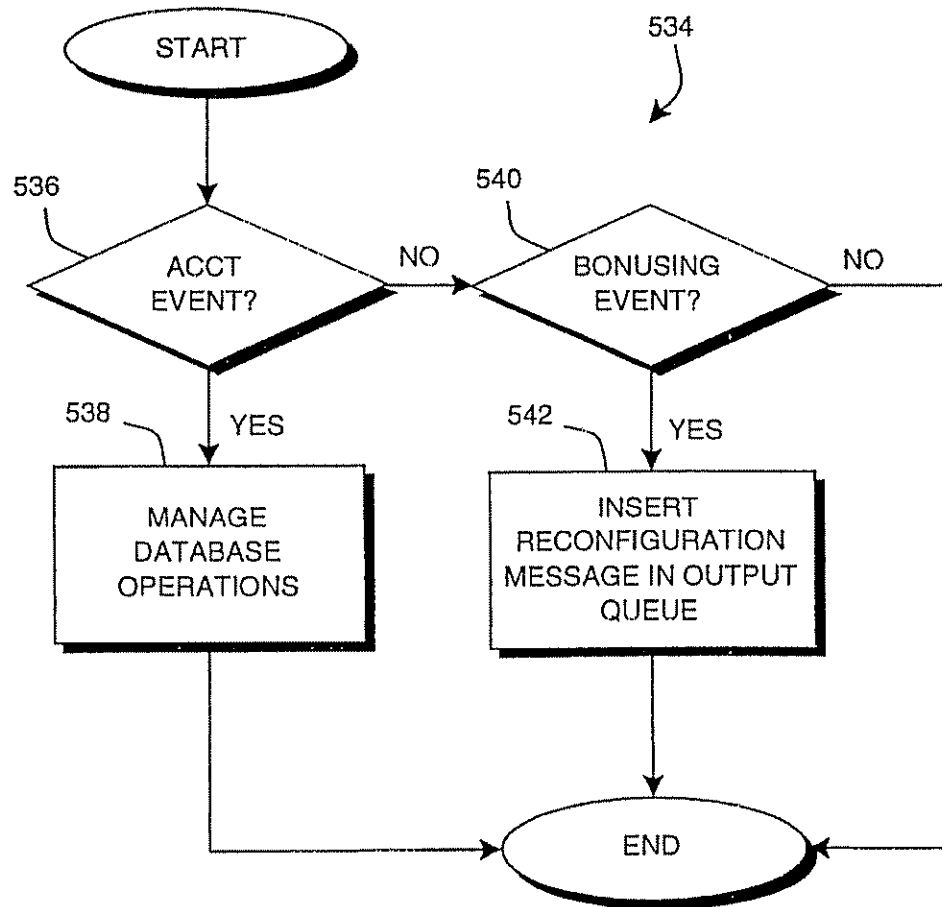


Fig.33

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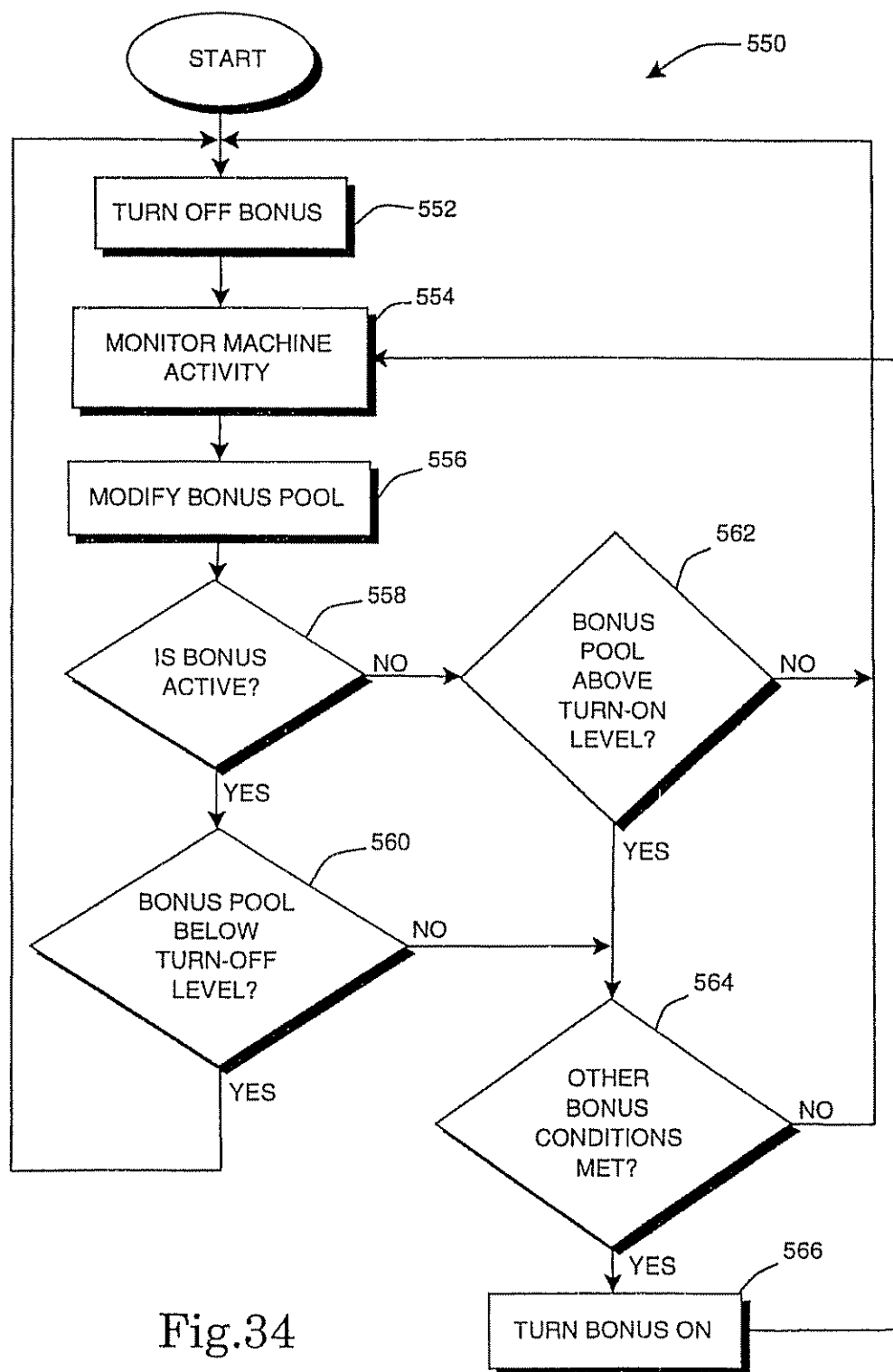


Fig.34